

SEQUENCE LISTING

<110> INCYTE PHARMACEUTICALS, INC.

HILLMAN, Jennifer L.

BANDMAN, Olga

LAL, Preeti

YUE, Henry

REDDY, Roopa

TANG, Y. Tom

GERSTIN, Edward H.

PATTERSON, Chandra

BAUGHN, Mariah R.

AZIMZAI, Yalda

LU, Dyung Aina M.

<120> HUMAN TRANSCRIPTIONAL REGULATOR MOLECULES

<130> PF-0509 PCT

<140> To Be Assigned

<141> Herewith

<150> 60/084,254; 60/095,827; 60/102,745

<151> 1998-05-05; 1998-08-07; 1998-10-02

<160> 130

<170> PERL Program

<210> 1

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<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 001106CD1

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Ser	Cys	Phe	Leu	Arg	Leu	Gly	Arg	Ser	Thr	Leu	Leu	Glu	Leu	Glu
				20					25					30
Pro	Ala	Gly	Arg	Pro	Cys	Ser	Gly	Arg	Thr	Arg	His	Arg	Ala	Leu
				35					40					45
His	Arg	Arg	Leu	Val	Ala	Cys	Val	Thr	Val	Ser	Ser	Arg	Arg	His
				50					55					60
Arg	Lys	Glu	Ala	Gly	Arg	Gly	Arg	Ala	Glu	Ser	Phe	Ile	Ala	Val
				65					70					75
Gly	Met	Ala	Ala	Pro	Ser	Met	Lys	Glu	Arg	Gln	Val	Cys	Trp	Gly
				80					85					90
Ala	Arg	Asp	Glu	Tyr	Trp	Lys	Cys	Leu	Asp	Glu	Asn	Leu	Glu	Asp
				95					100					105
Ala	Ser	Gln	Cys	Lys	Lys	Leu	Arg	Ser	Ser	Phe	Glu	Ser	Ser	Cys
				110					115					120
Pro	Gln	Gln	Trp	Ile	Lys	Tyr	Phe	Asp	Lys	Arg	Arg	Asp	Tyr	Leu
				125					130					135
Lys	Phe	Lys	Glu	Lys	Phe	Glu	Ala	Gly	Gln	Phe	Glu	Pro	Ser	Glu
				140					145					150
Thr	Thr	Ala	Lys	Ser										
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<400> 2
 Met Leu Ser Thr Leu Ser Gln Cys Glu Phe Ser Met Gly Lys Thr
 1 5 10 15
 Leu Leu Val Tyr Asp Met Asn Leu Arg Glu Met Glu Asn Tyr Glu
 20 25 30
 Lys Ile Tyr Lys Glu Ile Glu Cys Ser Ile Ala Gly Ala His Glu
 35 40 45
 Lys Ile Ala Glu Cys Lys Lys Gln Ile Leu Gln Ala Lys Arg Ile
 50 55 60
 Arg Lys Asn Arg Gln Glu Tyr Asp Ala Leu Ala Lys Val Ile Gln
 65 70 75
 His His Pro Asp Arg His Glu Thr Leu Lys Glu Leu Glu Ala Leu
 80 85 90
 Gly Lys Glu Leu Glu His Leu Ser His Ile Lys Glu Ser Val Glu
 95 100 105
 Asp Lys Leu Glu Leu Arg Arg Lys Gln Phe His Val Leu Leu Ser
 110 115 120
 Thr Ile His Glu Leu Gln Gln Thr Leu Glu Asn Asp Glu Lys Leu
 125 130 135
 Ser Glu Val Glu Glu Ala Gln Glu Ala Ser Met Glu Thr Asp Pro
 140 145 150
 Lys Pro

<210> 3
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<220>
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 <223> Incyte clone 052927CD1

<400> 3
 Met Ala Glu Ala Ser Ala Ala Gly Ala Asp Ser Gly Ala Ala Val
 1 5 10 15
 Ala Ala His Arg Phe Phe Cys His Phe Cys Lys Gly Glu Val Ser
 20 25 30
 Pro Lys Leu Pro Glu Tyr Ile Cys Pro Arg Cys Glu Ser Gly Phe
 35 40 45
 Ile Glu Glu Val Thr Asp Asp Ser Ser Phe Leu Gly Gly Gly Gly
 50 55 60
 Ser Arg Ile Asp Asn Thr Thr Thr Thr His Phe Ala Glu Leu Trp
 65 70 75
 Gly His Leu Asp His Thr Met Phe Phe Gln Asp Phe Arg Pro Phe
 80 85 90
 Leu Ser Ser Ser Pro Leu Asp Gln Asp Asn Arg Ala Asn Glu Arg
 95 100 105
 Gly His Gln Thr His Thr Asp Phe Trp Gly Ala Arg Pro Pro Arg
 110 115 120
 Leu Pro Leu Gly Arg Arg Tyr Arg Ser Arg Gly Ser Ser Arg Pro
 125 130 135
 Asp Arg Ser Pro Ala Ile Glu Gly Ile Leu Gln His Ile Phe Ala

	140		145		150
Gly Phe Phe Ala	Asn Ser Ala Ile .Pro	Gly Ser Pro His Pro	Phe		
	155		160		165
Ser Trp Ser Gly	Met Leu His Ser Asn	Pro Gly Asp Tyr Ala	Trp		
	170		175		180
Gly Gln Thr Gly	Leu Asp Ala Ile Val	Thr Gln Leu Leu Gly	Gln		
	185		190		195
Leu Glu Asn Thr	Gly Pro Pro Pro Ala	Asp Lys Glu Lys Ile	Thr		
	200		205		210
Ser Leu Pro Thr	Val Thr Val Thr Gln	Glu Gln Val Asp Met	Gly		
	215		220		225
Leu Glu Cys Pro	Val Cys Lys Glu Asp	Tyr Thr Val Glu Glu	Glu		
	230		235		240
Val Arg Gln Leu	Pro Cys Asn His Phe	Phe His Ser Ser Cys	Ile		
	245		250		255
Val Pro Trp Leu	Glu Leu His Asp Thr	Cys Pro Val Cys Arg	Lys		
	260		265		270
Ser Leu Asn Gly	Glu Asp Ser Thr Arg	Gln Ser Gln Ser Thr	Glu		
	275		280		285
Ala Ser Ala Ser	Asn Arg Phe Ser Asn	Asp Ser Gln Leu His	Asp		
	290		295		300
Arg Trp Thr Phe					

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<220>
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 <223> Incyte clone 082843CD1

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Met Pro Lys Ala Lys	Gly Lys Thr Arg	Arg Gln Lys Phe Gly Tyr	
1	5	10	15
Ser Val Asn Arg Lys	Arg Leu Asn Arg	Asn Ala Arg Arg Lys Ala	
	20	25	30
Ala Pro Arg Ile Glu	Cys Ser His Ile Arg	His Ala Trp Asp His	
	35	40	45
Ala Lys Ser Val Arg	Gln Asn Leu Ala Glu	Met Gly Leu Ala Val	
	50	55	60
Asp Pro Asn Arg Ala	Val Pro Leu Arg Lys	Arg Lys Val Lys Ala	
	65	70	75
Met Glu Val Asp Ile	Glu Glu Arg Pro Lys	Glu Leu Val Arg Lys	
	80	85	90
Pro Tyr Val Leu Asn	Asp Leu Glu Ala Glu	Ala Ser Leu Pro Glu	
	95	100	105
Lys Lys Gly Asn Thr	Leu Ser Arg Asp Leu	Ile Asp Tyr Val Arg	
	110	115	120
Tyr Met Val Glu Asn	His Gly Glu Asp Tyr	Lys Ala Met Ala Arg	
	125	130	135
Asp Glu Lys Asn Tyr	Tyr Gln Asp Thr Pro	Lys Gln Ile Arg Ser	
	140	145	150
Lys Ile Asn Val Tyr	Lys Arg Phe Tyr Pro	Ala Glu Trp Gln Asp	
	155	160	165
Phe Leu Asp Ser Leu	Gln Lys Arg Lys Met	Glu Val Glu	
	170	175	

<210> 5
 <211> 301

<212> PRT

<213> Homo sapiens

<220>

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<223> Incyte clone 322349CD1

<400> 5

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Met Ala Arg His Gly Leu Pro Leu Leu Pro Leu Leu Ser Leu Leu
 1          5          10          15
Val Gly Ala Trp Leu Lys Leu Gly Asn Gly Gln Ala Thr Ser Met
 20          25          30
Val Gln Leu Gln Gly Gly Arg Phe Leu Met Gly Thr Asn Ser Pro
 35          40          45
Asp Ser Arg Asp Gly Glu Gly Pro Val Arg Glu Ala Thr Val Lys
 50          55          60
Pro Phe Ala Ile Asp Ile Phe Pro Val Thr Asn Lys Asp Phe Arg
 65          70          75
Asp Phe Val Arg Glu Lys Lys Tyr Arg Thr Glu Ala Glu Met Phe
 80          85          90
Gly Trp Ser Phe Val Phe Glu Asp Phe Val Ser Asp Glu Leu Arg
 95          100          105
Asn Lys Ala Thr Gln Pro Met Lys Ser Val Leu Trp Trp Leu Pro
 110          115          120
Val Glu Lys Ala Phe Trp Arg Gln Pro Ala Gly Pro Gly Ser Gly
 125          130          135
Ile Arg Glu Arg Leu Glu His Pro Val Leu His Val Ser Trp Asn
 140          145          150
Asp Ala Arg Ala Tyr Cys Ala Trp Arg Gly Lys Arg Leu Pro Thr
 155          160          165
Glu Glu Glu Trp Glu Phe Ala Ala Arg Gly Leu Lys Gly Gln
 170          175          180
Val Tyr Pro Trp Gly Asn Trp Phe Gln Pro Asn Arg Thr Asn Leu
 185          190          195
Trp Gln Gly Lys Phe Pro Lys Gly Asp Lys Ala Glu Asp Gly Phe
 200          205          210
His Gly Val Ser Pro Val Asn Ala Phe Pro Ala Gln Asn Asn Tyr
 215          220          225
Gly Leu Tyr Asp Leu Leu Gly Asn Val Trp Glu Trp Thr Ala Ser
 230          235          240
Pro Tyr Gln Ala Ala Glu Gln Asp Met Arg Val Leu Arg Gly Ala
 245          250          255
Ser Trp Ile Asp Thr Ala Asp Gly Ser Ala Asn His Arg Ala Arg
 260          265          270
Val Thr Thr Arg Met Gly Asn Thr Pro Asp Ser Ala Ser Asp Asn
 275          280          285
Leu Gly Phe Arg Cys Ala Ala Asp Ala Gly Arg Pro Pro Gly Glu
 290          295          300
Leu

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<210> 6

<211> 250

<212> PRT

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<220>

<221> misc_feature

<223> Incyte clone 397663CD1

<400> 6

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Met Glu Val Arg Asn His Gln Gln Gln Lys Leu Arg Pro Arg Asp

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1	5	10	15
Trp	Pro	Gln	Lys
20	25	30	35
Asn	Ser	Pro	Leu
35	40	45	50
Pro	His	Arg	Gln
50	55	60	65
Ala	Gly	Gly	Pro
65	70	75	80
Leu	Pro	Gln	Arg
80	85	90	95
Cys	Leu	Leu	Ser
95	100	105	110
Gly	Pro	Ala	His
110	115	120	125
Gln	Leu	Val	Pro
125	130	135	140
Leu	His	His	Gly
140	145	150	155
Leu	Arg	Ser	Asn
155	160	165	170
Trp	Met	Ala	Met
170	175	180	185
Tyr	Thr	Leu	Val
185	190	195	200
Ile	Gly	Leu	Lys
200	205	210	215
Leu	Leu	Thr	Val
215	220	225	230
Ala	Leu	Leu	Ile
230	235	240	245
Arg	Thr	Arg	Val
245	250		

<210> 7

<211> 371

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 673766CD1

<400> 7

Met	Glu	Leu	Glu	Leu	Asp	Ala	Gly	Asp	Gln	Asp	Leu	Leu	Ala	Phe
1	5	10	15	20	25	30	35	40	45	50	55	60	65	70
Leu	Leu	Glu	Glu	Ser	Gly	Asp	Leu	Gly	Thr	Ala	Pro	Asp	Glu	Ala
70	75	80	85	90	95	100	105	110	115	120	125	130	135	140
Val	Arg	Ala	Pro	Leu	Asp	Trp	Ala	Leu	Pro	Leu	Ser	Glu	Val	Pro
140	145	150	155	160	165	170	175	180	185	190	195	200	205	210
Ser	Asp	Trp	Glu	Val	Asp	Asp	Leu	Leu	Cys	Ser	Leu	Leu	Ser	Pro
210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
Pro	Ala	Ser	Leu	Asn	Ile	Leu	Ser	Ser	Ser	Asn	Pro	Cys	Leu	Val
280	285	290	295	300	305	310	315	320	325	330	335	340	345	350
His	His	Asp	His	Thr	Tyr	Ser	Leu	Pro	Arg	Glu	Thr	Val	Ser	Met
350	355	360	365	370	375	380	385	390	395	400	405	410	415	420
Asp	Leu	Glu	Ser	Glu	Ser	Cys	Arg	Lys	Glu	Gly	Thr	Gln	Met	Thr
420	425	430	435	440	445	450	455	460	465	470	475	480	485	490
Pro	Gln	His	Met	Glu	Glu	Leu	Ala	Glu	Gln	Glu	Ile	Ala	Arg	Leu
490	495	500	505	510	515	520	525	530	535	540	545	550	555	560
Val	Leu	Thr	Asp	Glu	Glu	Lys	Ser	Leu	Leu	Glu	Lys	Glu	Gly	Leu

Ile	Leu	Pro	Glu	Thr	Leu	Pro	Leu	Thr	Lys	Thr	Glu	Glu	Gln	Ile
Leu	Lys	Arg	Val	Arg	Arg	Lys	Ile	Arg	Asn	Lys	Arg	Ser	Ala	Gln
Glu	Ser	Arg	Arg	Lys	Lys	Lys	Val	Tyr	Val	Gly	Gly	Leu	Glu	Ser
Arg	Val	Leu	Lys	Tyr	Thr	Ala	Gln	Asn	Met	Glu	Leu	Gln	Asn	Lys
Val	Gln	Leu	Leu	Glu	Glu	Gln	Asn	Leu	Ser	Leu	Leu	Asp	Gln	Leu
Arg	Lys	Leu	Gln	Ala	Met	Val	Ile	Glu	Ile	Ser	Asn	Lys	Thr	Ser
Ser	Ser	Ser	Thr	Cys	Ile	Leu	Val	Leu	Leu	Val	Ser	Phe	Cys	Leu
Leu	Leu	Val	Pro	Ala	Met	Tyr	Ser	Ser	Asp	Thr	Arg	Gly	Ser	Leu
Pro	Ala	Glu	His	Gly	Val	Leu	Ser	Arg	Gln	Leu	Arg	Ala	Leu	Pro
Ser	Glu	Asp	Pro	Tyr	Gln	Leu	Glu	Leu	Pro	Ala	Leu	Gln	Ser	Glu
Val	Pro	Lys	Asp	Ser	Thr	His	Gln	Trp	Leu	Asp	Gly	Ser	Asp	Cys
Val	Leu	Gln	Ala	Pro	Gly	Asn	Thr	Ser	Cys	Leu	Leu	His	Tyr	Met
Pro	Gln	Ala	Pro	Ser	Ala	Glu	Pro	Pro	Leu	Glu	Trp	Pro	Phe	Pro
Asp	Leu	Phe	Ser	Glu	Pro	Leu	Cys	Arg	Gly	Pro	Ile	Leu	Pro	Leu
Gln	Ala	Asn	Leu	Thr	Arg	Lys	Gly	Gly	Trp	Leu	Pro	Thr	Gly	Ser
Pro	Ser	Val	Ile	Leu	Gln	Asp	Arg	Tyr	Ser	Gly				

<210> 8
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 <213> Homo sapiens

<220>
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 <223> Incyte clone 1504753CD1

<400> 8
 Met Asn Ser Leu Ala Thr Ser Val Phe Ser Ile Ala Ile Pro Val
 1 5 10 15
 Asp Gly Asp Glu Asp Arg Asn Pro Ser Thr Ala Phe Tyr Gln Ala
 20 25 30
 Phe His Leu Asn Thr Leu Lys Glu Ser Lys Ser Leu Trp Asp Ser
 35 40 45
 Ala Ser Gly Gly Gly Val Val Ala Ile Asp Asn Lys Ile Glu Gln
 50 55 60
 Ala Met Asp Leu Val Lys Ser His Leu Met Tyr Ala Val Arg Glu
 65 70 75
 Glu Val Glu Val Leu Lys Glu Gln Ile Lys Glu Leu Val Glu Arg
 80 85 90
 Asn Ser Leu Leu Glu Arg Glu Asn Ala Leu Leu Lys Ser Leu Ser
 95 100 105
 Ser Asn Asp Gln Leu Ser Gln Leu Pro Thr Gln Gln Ala Asn Pro
 110 115 120
 Gly Ser Thr Ser Gln Gln Gln Ala Val Ile Ala Gln Pro Pro Gln

				125						130				135
Pro	Thr	Gln	Pro	Pro	Gln	Gln	Pro	Asn	Val	Ser	Ser	Ala		
				140					145					

<210> 9
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<220>
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 <223> Incyte clone 1760185CD1

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 Met Arg Pro Leu Asp Ile Val Glu Leu Ala Glu Pro Glu Glu Val
 1 5 10 15
 Glu Val Leu Glu Pro Glu Glu Asp Phe Glu Gln Phe Leu Leu Pro
 20 25 30
 Val Ile Asn Glu Met Arg Glu Asp Ile Ala Ser Leu Thr Arg Glu
 35 40 45
 His Gly Arg Ala Tyr Leu Arg Asn Arg Ser Lys Leu Trp Glu Met
 50 55 60
 Asp Asn Met Leu Ile Gln Ile Lys Thr Gln Val Glu Ala Ser Glu
 65 70 75
 Glu Ser Ala Leu Asn His Leu Gln Asn Pro Gly Asp Ala Ala Glu
 80 85 90
 Gly Arg Ala Ala Lys Arg Cys Glu Lys Ala Glu Glu Lys Ala Lys
 95 100 105
 Glu Ile Ala Lys Met Ala Glu Met Leu Val Glu Leu Val Arg Arg
 110 115 120
 Ile Glu Lys Ser Glu Ser Ser
 125

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 <212> PRT
 <213> Homo sapiens

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 <223> Incyte clone 1805061CD1

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 Met Pro Tyr Val Asp Arg Gln Asn Arg Ile Cys Gly Phe Leu Asp
 1 5 10 15
 Ile Glu Glu Asn Glu Asn Ser Gly Lys Phe Leu Arg Arg Tyr Phe
 20 25 30
 Ile Leu Asp Thr Arg Glu Asp Ser Phe Val Trp Tyr Met Asp Asn
 35 40 45
 Pro Gln Asn Leu Pro Ser Gly Ser Ser Arg Val Gly Ala Ile Lys
 50 55 60
 Leu Thr Tyr Ile Ser Lys Val Ser Asp Ala Thr Lys Leu Arg Pro
 65 70 75
 Lys Ala Glu Phe Cys Phe Val Met Asn Ala Gly Met Arg Lys Tyr
 80 85 90
 Phe Leu Gln Ala Asn Asp Gln Gln Asp Leu Val Glu Trp Val Asn
 95 100 105

Val	Leu	Asn	Lys	Ala	Ile	Lys	Ile	Thr	Val	Pro	Lys	Gln	Ser	Asp
				110					115					120
Ser	Gln	Pro	Asn	Ser	Asp	Asn	Leu	Ser	Arg	His	Gly	Glu	Cys	Gly
				125					130					135
Lys	Lys	Gln	Val	Ser	Tyr	Arg	Thr	Asp	Ile	Val	Gly	Gly	Val	Pro
				140					145					150
Ile	Ile	Thr	Pro	Thr	Gln	Lys	Glu	Glu	Val	Asn	Glu	Cys	Gly	Glu
				155					160					165
Ser	Ile	Asp	Arg	Asn	Asn	Leu	Lys	Arg	Ser	Gln	Ser	His	Leu	Pro
				170					175					180
Tyr	Phe	Thr	Pro	Lys	Pro	Pro	Gln	Asp	Ser	Ala	Val	Ile	Lys	Ala
				185					190					195
Gly	Tyr	Cys	Val	Lys	Gln	Gly	Ala	Val	Met	Lys	Asn	Trp	Lys	Arg
				200					205					210
Arg	Tyr	Phe	Gln	Leu	Asp	Glu	Asn	Thr	Ile	Gly	Tyr	Phe	Lys	Ser
				215					220					225
Glu	Leu	Glu	Lys	Glu	Pro	Leu	Arg	Val	Ile	Pro	Leu	Lys	Glu	Val
				230					235					240
His	Lys	Val	Gln	Glu	Cys	Lys	Gln	Ser	Asp	Ile	Met	Met	Arg	Asp
				245					250					255
Asn	Leu	Phe	Glu	Ile	Val	Thr	Thr	Ser	Arg	Thr	Phe	Tyr	Val	Gln
				260					265					270
Ala	Asp	Ser	Pro	Glu	Glu	Met	His	Ser	Trp	Ile	Lys	Ala	Val	Ser
				275					280					285
Gly	Ala	Ile	Val	Ala	Gln	Arg	Gly	Pro	Gly	Arg	Ser	Ala	Ser	Ser
				290					295					300
Met	Arg	Gln	Ala	Arg	Arg	Leu	Ser	Asn	Pro	Cys	Ile	Gln	Arg	Ser
				305					310					315
Ile	Pro	Pro	Val	Leu	Gln	Asn	Pro	Asn	Thr	Leu	Ser	Val	Leu	Pro
				320					325					330
Thr	Gln	Pro	Pro	Pro	Pro	His	Ile	Pro	Gln	Pro	Leu	Ala	Ala	Thr
				335					340					345
Leu	Trp	Ser	Gln	Pro	Leu	Pro	Trp	Arg	Ser	Glu	Asp	Phe	Thr	Ser
				350					355					360
Leu	Leu	Pro	Arg	Ser	Ser	Gln	Gly	Thr	Ser	Arg	Ser	Arg	Leu	Ser
				365					370					375
Leu	Gln	Glu	Asn	Gln	Leu	Pro	Lys							
				380										

<210> 11

<211> 254

<212> PRT

<213> Homo sapiens

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<223> Incyte clone 1850120CD1

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Met	Ser	Leu	Ala	Arg	Gly	His	Gly	Asp	Thr	Ala	Ala	Ser	Thr	Ala
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Ala	Pro	Leu	Ser	Glu	Glu	Gly	Glu	Val	Thr	Ser	Gly	Leu	Gln	Ala
				20					25					30
Leu	Ala	Val	Glu	Asp	Thr	Gly	Gly	Pro	Ser	Ala	Ser	Ala	Gly	Lys
				35					40					45
Ala	Glu	Asp	Glu	Gly	Glu	Gly	Gly	Arg	Glu	Glu	Thr	Glu	Arg	Glu
				50					55					60
Gly	Ser	Gly	Gly	Glu	Glu	Ala	Gln	Gly	Glu	Val	Pro	Ser	Ala	Gly
				65					70					75
Gly	Glu	Glu	Pro	Ala	Glu	Glu	Asp	Ser	Glu	Asp	Trp	Cys	Val	Pro
				80					85					90
Cys	Ser	Asp	Glu	Glu	Val	Glu	Leu	Pro	Ala	Asp	Gly	Gln	Pro	Trp
				95					100					105

Met	Pro	Pro	Pro	Ser	Glu	Ile	Gln	Arg	Leu	Tyr	Glu	Leu	Leu	Ala
				110					115					120
Ala	His	Gly	Thr	Leu	Glu	Leu	Gln	Ala	Glu	Ile	Leu	Pro	Arg	Arg
				125					130					135
Pro	Pro	Thr	Pro	Glu	Arg	Gln	Ser	Glu	Glu	Glu	Arg	Ser	Asp	Glu
				140					145					150
Glu	Pro	Glu	Ala	Lys	Glu	Glu	Glu	Glu	Glu	Lys	Pro	His	Met	Pro
				155					160					165
Thr	Glu	Phe	Asp	Phe	Asp	Asp	Glu	Pro	Val	Thr	Pro	Lys	Asp	Ser
				170					175					180
Leu	Ile	Asp	Arg	Arg	Arg	Thr	Pro	Gly	Ser	Ser	Ala	Arg	Ser	Gln
				185					190					195
Lys	Arg	Glu	Ala	Arg	Leu	Asp	Lys	Val	Leu	Ser	Asp	Met	Lys	Arg
				200					205					210
His	Lys	Lys	Leu	Glu	Glu	Gln	Ile	Leu	Arg	Thr	Gly	Arg	Asp	Leu
				215					220					225
Phe	Ser	Leu	Asp	Ser	Glu	Asp	Pro	Ser	Pro	Ala	Ser	Pro	Pro	Leu
				230					235					240
Arg	Ser	Ser	Gly	Ser	Ser	Leu	Phe	Pro	Arg	Gln	Arg	Lys	Tyr	
				245					250					

<210> 12

<211> 305

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 1852290CD1

<400> 12

Met	Ala	Leu	Cys	Ala	Leu	Thr	Arg	Ala	Leu	Arg	Ser	Leu	Asn	Leu
1				5					10					15
Ala	Pro	Pro	Thr	Val	Ala	Ala	Pro	Ala	Pro	Ser	Leu	Phe	Pro	Ala
				20					25					30
Ala	Gln	Met	Met	Asn	Asn	Gly	Leu	Leu	Gln	Gln	Pro	Ser	Ala	Leu
				35					40					45
Met	Leu	Leu	Pro	Cys	Arg	Pro	Val	Leu	Thr	Ser	Val	Ala	Leu	Asn
				50					55					60
Ala	Asn	Phe	Val	Ser	Trp	Lys	Ser	Arg	Thr	Lys	Tyr	Thr	Ile	Thr
				65					70					75
Pro	Val	Lys	Met	Arg	Lys	Ser	Gly	Gly	Arg	Asp	His	Thr	Gly	Arg
				80					85					90
Ile	Arg	Val	His	Gly	Ile	Gly	Gly	Gly	His	Lys	Gln	Arg	Tyr	Arg
				95					100					105
Met	Ile	Asp	Phe	Leu	Arg	Phe	Arg	Pro	Glu	Glu	Thr	Lys	Ser	Gly
				110					115					120
Pro	Phe	Glu	Glu	Lys	Val	Ile	Gln	Val	Arg	Tyr	Asp	Pro	Cys	Arg
				125					130					135
Ser	Ala	Asp	Ile	Ala	Leu	Val	Ala	Gly	Gly	Ser	Arg	Lys	Arg	Trp
				140					145					150
Ile	Ile	Ala	Thr	Glu	Asn	Met	Gln	Ala	Gly	Asp	Thr	Ile	Leu	Asn
				155					160					165
Ser	Asn	His	Ile	Gly	Arg	Met	Ala	Val	Ala	Ala	Arg	Glu	Gly	Asp
				170					175					180
Ala	His	Pro	Leu	Gly	Ala	Leu	Pro	Val	Gly	Thr	Leu	Ile	Asn	Asn
				185					190					195
Val	Glu	Ser	Glu	Pro	Gly	Arg	Gly	Ala	Gln	Tyr	Ile	Arg	Ala	Ala
				200					205					210
Gly	Thr	Cys	Gly	Val	Leu	Leu	Arg	Lys	Val	Asn	Gly	Thr	Ala	Ile
				215					220					225

Ile	Gln	Leu	Pro	Ser	Lys	Arg	Gln	Met	Gln	Val	Leu	Glu	Thr	Cys	
				230					235					240	
Val	Ala	Thr	Val	Gly	Arg	Val	Ser	Asn	Val	Asp	His	Asn	Lys	Arg	
				245					250					255	
Val	Ile	Gly	Lys	Ala	Gly	Arg	Asn	Arg	Trp	Leu	Gly	Lys	Arg	Pro	
				260					265					270	
Asn	Ser	Gly	Arg	Trp	His	Arg	Lys	Gly	Gly	Trp	Ala	Gly	Arg	Lys	
				275					280					285	
Ile	Arg	Pro	Leu	Pro	Pro	Met	Lys	Ser	Tyr	Val	Lys	Leu	Pro	Ser	
				290					295					300	
Ala	Ser	Ala	Gln	Ser											
				305											

<210> 13
 <211> 230
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 1944530CD1

<400> 13

Met	Gly	Gln	Gln	Ile	Ser	Asp	Gln	Thr	Gln	Leu	Val	Ile	Asn	Lys	
1				5					10					15	
Leu	Pro	Glu	Lys	Val	Ala	Lys	His	Val	Thr	Leu	Val	Arg	Glu	Ser	
				20					25					30	
Gly	Ser	Leu	Thr	Tyr	Glu	Glu	Phe	Leu	Gly	Arg	Val	Ala	Glu	Leu	
				35					40					45	
Asn	Asp	Val	Thr	Ala	Lys	Val	Ala	Ser	Gly	Gln	Glu	Lys	His	Leu	
				50					55					60	
Leu	Phe	Glu	Val	Gln	Pro	Gly	Ser	Asp	Ser	Ser	Ala	Phe	Trp	Lys	
				65					70					75	
Val	Val	Val	Arg	Val	Val	Cys	Thr	Lys	Ile	Asn	Lys	Ser	Ser	Gly	
				80					85					90	
Ile	Val	Glu	Ala	Ser	Arg	Ile	Met	Asn	Leu	Tyr	Gln	Phe	Ile	Gln	
				95					100					105	
Leu	Tyr	Lys	Asp	Ile	Thr	Ser	Gln	Ala	Ala	Gly	Val	Leu	Ala	Gln	
				110					115					120	
Ser	Ser	Thr	Ser	Glu	Glu	Pro	Asp	Glu	Asn	Ser	Ser	Ser	Val	Thr	
				125					130					135	
Ser	Cys	Gln	Ala	Ser	Leu	Trp	Met	Gly	Arg	Val	Lys	Gln	Leu	Thr	
				140					145					150	
Asp	Glu	Glu	Glu	Cys	Cys	Ile	Cys	Met	Asp	Gly	Arg	Ala	Asp	Leu	
				155					160					165	
Ile	Leu	Pro	Cys	Ala	His	Ser	Phe	Cys	Gln	Lys	Cys	Ile	Asp	Lys	
				170					175					180	
Trp	Ser	Asp	Arg	His	Arg	Asn	Cys	Pro	Ile	Cys	Arg	Leu	Gln	Met	
				185					190					195	
Thr	Gly	Ala	Asn	Glu	Ser	Trp	Val	Val	Ser	Asp	Ala	Pro	Thr	Glu	
				200					205					210	
Asp	Asp	Met	Ala	Asn	Tyr	Ile	Leu	Asn	Met	Ala	Asp	Glu	Ala	Gly	
				215					220					225	
Gln	Pro	His	Arg	Pro											
				230											

<210> 14
 <211> 292
 <212> PRT
 <213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 2019742CB1

<400> 14

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Met Ser Gly Met Glu Ala Thr Val Thr Ile Pro Ile Trp Gln Asn
 1          5          10          15
Lys Pro His Gly Ala Ala Arg Ser Val Val Arg Arg Ile Gly Thr
          20          25          30
Asn Leu Pro Leu Lys Pro Cys Ala Arg Ala Ser Phe Glu Thr Leu
          35          40          45
Pro Asn Ile Ser Asp Leu Cys Leu Arg Asp Val Pro Pro Val Pro
          50          55          60
Thr Leu Ala Asp Ile Ala Trp Ile Ala Ala Asp Glu Glu Glu Thr
          65          70          75
Tyr Ala Arg Val Arg Ser Asp Thr Arg Pro Leu Arg His Thr Trp
          80          85          90
Lys Pro Ser Pro Leu Ile Val Met Gln Arg Asn Ala Ser Val Pro
          95          100          105
Asn Leu Arg Gly Ser Glu Glu Arg Leu Leu Ala Leu Lys Lys Pro
          110          115          120
Ala Leu Pro Ala Leu Ser Arg Thr Thr Glu Leu Gln Asp Glu Leu
          125          130          135
Ser His Leu Arg Ser Gln Ile Ala Lys Ile Val Ala Ala Asp Ala
          140          145          150
Ala Ser Ala Ser Leu Thr Pro Asp Phe Leu Ser Pro Gly Ser Ser
          155          160          165
Asn Val Ser Ser Pro Leu Pro Cys Phe Gly Ser Ser Phe His Ser
          170          175          180
Thr Thr Ser Phe Val Ile Ser Asp Ile Thr Glu Glu Thr Glu Val
          185          190          195
Glu Val Pro Glu Leu Pro Ser Val Pro Leu Leu Cys Ser Ala Ser
          200          205          210
Pro Glu Cys Cys Lys Pro Glu His Lys Ala Ala Cys Ser Ser Ser
          215          220          225
Glu Glu Asp Asp Cys Val Ser Leu Ser Lys Ala Ser Ser Phe Ala
          230          235          240
Asp Met Met Gly Ile Leu Lys Asp Phe His Arg Met Lys Gln Ser
          245          250          255
Gln Asp Leu Asn Arg Ser Leu Leu Lys Glu Glu Asp Pro Ala Val
          260          265          270
Leu Ile Ser Glu Val Leu Arg Arg Lys Phe Ala Leu Lys Glu Glu
          275          280          285
Asp Ile Ser Arg Lys Gly Asn
          290

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<210> 15

<211> 232

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 2056042CD1

<400> 15

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Met Ala Ser Ser Ala Ala Ser Ser Glu His Phe Glu Lys Leu His
 1          5          10          15
Glu Ile Phe Arg Gly Leu His Glu Asp Leu Gln Gly Val Pro Glu
          20          25          30
Arg Leu Leu Gly Thr Ala Gly Thr Glu Glu Lys Lys Lys Leu Ile
          35          40          45
Arg Asp Phe Asp Glu Lys Gln Gln Glu Ala Asn Glu Thr Leu Ala
          50          55          60

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Glu	Met	Glu	Glu	Glu	Leu	Arg	Tyr	Ala	Pro	Leu	Ser	Phe	Arg	Asn	
				65					70						75
Pro	Met	Met	Ser	Lys	Leu	Arg	Asn	Tyr	Arg	Lys	Asp	Leu	Ala	Lys	
				80					85						90
Leu	His	Arg	Glu	Val	Arg	Ser	Thr	Pro	Leu	Thr	Ala	Thr	Pro	Gly	
				95					100						105
Gly	Arg	Gly	Asp	Met	Lys	Tyr	Gly	Ile	Tyr	Ala	Val	Glu	Asn	Glu	
				110					115						120
His	Met	Asn	Arg	Leu	Gln	Ser	Gln	Arg	Ala	Met	Leu	Leu	Gln	Gly	
				125					130						135
Thr	Glu	Ser	Leu	Asn	Arg	Ala	Thr	Gln	Ser	Ile	Glu	Arg	Ser	His	
				140					145						150
Arg	Ile	Ala	Thr	Glu	Thr	Asp	Gln	Ile	Gly	Ser	Glu	Ile	Ile	Glu	
				155					160						165
Glu	Leu	Gly	Glu	Gln	Arg	Asp	Gln	Leu	Glu	Arg	Thr	Lys	Ser	Arg	
				170					175						180
Leu	Val	Asn	Thr	Ser	Glu	Asn	Leu	Ser	Lys	Ser	Arg	Lys	Ile	Leu	
				185					190						195
Arg	Ser	Met	Ser	Arg	Lys	Val	Thr	Thr	Asn	Lys	Leu	Leu	Leu	Ser	
				200					205						210
Ile	Ile	Ile	Leu	Leu	Glu	Leu	Ala	Ile	Leu	Gly	Gly	Leu	Val	Tyr	
				215					220						225
Tyr	Lys	Phe	Phe	Arg	Ser	His									
				230											

<210> 16

<211> 376

<212> PRT

<213> Homo sapiens

<220>

<221> misc feature

<223> Incyte clone 2398682CD1

<400> 16

Met	Arg	Gly	Lys	Thr	Phe	Arg	Phe	Glu	Met	Gln	Arg	Asp	Leu	Val	
1				5					10					15	
Ser	Phe	Pro	Leu	Ser	Pro	Ala	Val	Arg	Val	Lys	Leu	Val	Ser	Ala	
				20					25					30	
Gly	Phe	Gln	Thr	Ala	Glu	Glu	Leu	Leu	Glu	Val	Lys	Pro	Ser	Glu	
				35					40					45	
Leu	Ser	Lys	Glu	Val	Gly	Ile	Ser	Lys	Ala	Glu	Ala	Leu	Glu	Thr	
				50					55					60	
Leu	Gln	Ile	Ile	Arg	Arg	Glu	Cys	Leu	Thr	Asn	Lys	Pro	Arg	Tyr	
				65					70					75	
Ala	Gly	Thr	Ser	Glu	Ser	His	Lys	Lys	Cys	Thr	Ala	Leu	Glu	Leu	
				80					85					90	
Leu	Glu	Gln	Glu	His	Thr	Gln	Gly	Phe	Ile	Ile	Thr	Phe	Cys	Ser	
				95					100					105	
Ala	Leu	Asp	Asp	Ile	Leu	Gly	Gly	Gly	Val	Pro	Leu	Met	Lys	Thr	
				110					115					120	
Thr	Glu	Ile	Cys	Gly	Ala	Pro	Gly	Val	Gly	Lys	Thr	Gln	Leu	Cys	
				125					130					135	
Met	Gln	Leu	Ala	Val	Asp	Val	Gln	Ile	Pro	Glu	Cys	Phe	Gly	Gly	
				140					145					150	
Val	Ala	Gly	Glu	Ala	Val	Phe	Ile	Asp	Thr	Glu	Gly	Ser	Phe	Met	
				155					160					165	
Val	Asp	Arg	Val	Val	Asp	Leu	Ala	Thr	Ala	Cys	Ile	Gln	His	Leu	
				170					175					180	
Gln	Leu	Ile	Ala	Glu	Lys	His	Lys	Gly	Glu	Glu	His	Arg	Lys	Ala	
				185					190					195	

Leu	Glu	Asp	Phe	Thr	Leu	Asp	Asn	Ile	Leu	Ser	His	Ile	Tyr	Tyr
				200						205				210
Phe	Arg	Cys	Arg	Asp	Tyr	Thr	Glu	Leu	Leu	Ala	Gln	Val	Tyr	Leu
				215						220				225
Leu	Pro	Asp	Phe	Leu	Ser	Glu	His	Ser	Lys	Val	Arg	Leu	Val	Ile
				230						235				240
Val	Asp	Gly	Ile	Ala	Phe	Pro	Phe	Arg	His	Asp	Leu	Asp	Asp	Leu
				245						250				255
Ser	Leu	Arg	Thr	Arg	Leu	Leu	Asn	Gly	Leu	Ala	Gln	Gln	Met	Ile
				260						265				270
Ser	Leu	Ala	Asn	Asn	His	Arg	Leu	Ala	Val	Ile	Leu	Thr	Asn	Gln
				275						280				285
Met	Thr	Thr	Lys	Ile	Asp	Arg	Asn	Gln	Ala	Leu	Leu	Val	Pro	Ala
				290						295				300
Leu	Gly	Glu	Ser	Trp	Gly	His	Ala	Ala	Thr	Ile	Arg	Leu	Ile	Phe
				305						310				315
His	Trp	Asp	Arg	Lys	Gln	Arg	Leu	Ala	Thr	Leu	Tyr	Lys	Ser	Pro
				320						325				330
Ser	Gln	Lys	Glu	Cys	Thr	Val	Leu	Phe	Gln	Ile	Lys	Pro	Gln	Gly
				335						340				345
Phe	Arg	Asp	Thr	Val	Val	Thr	Ser	Ala	Cys	Ser	Leu	Gln	Thr	Glu
				350						355				360
Gly	Ser	Leu	Ser	Thr	Arg	Lys	Arg	Ser	Arg	Asp	Pro	Glu	Glu	Glu
				365						370				375
Leu														

<210> 17

<211> 204

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 2518753CD1

<400> 17

Met	Ala	Lys	Val	Gln	Val	Asn	Asn	Val	Val	Val	Leu	Asp	Asn	Pro
1				5						10				15
Ser	Pro	Phe	Tyr	Asn	Pro	Phe	Gln	Phe	Glu	Ile	Thr	Phe	Glu	Cys
				20						25				30
Ile	Glu	Asp	Leu	Ser	Glu	Asp	Leu	Glu	Trp	Lys	Ile	Ile	Tyr	Val
				35						40				45
Gly	Ser	Ala	Glu	Ser	Glu	Glu	Tyr	Asp	Gln	Val	Leu	Asp	Ser	Val
				50						55				60
Leu	Val	Gly	Pro	Val	Pro	Ala	Gly	Arg	His	Met	Phe	Val	Phe	Gln
				65						70				75
Ala	Asp	Ala	Pro	Asn	Pro	Gly	Leu	Ile	Pro	Asp	Ala	Asp	Ala	Val
				80						85				90
Gly	Val	Thr	Val	Val	Leu	Ile	Thr	Cys	Thr	Tyr	Arg	Gly	Gln	Glu
				95						100				105
Phe	Ile	Arg	Val	Gly	Tyr	Tyr	Val	Asn	Asn	Glu	Tyr	Thr	Glu	Thr
				110						115				120
Glu	Leu	Arg	Glu	Asn	Pro	Pro	Val	Lys	Pro	Asp	Phe	Ser	Lys	Leu
				125						130				135
Gln	Arg	Asn	Ile	Leu	Ala	Ser	Asn	Pro	Arg	Val	Thr	Arg	Phe	His
				140						145				150
Ile	Asn	Trp	Glu	Asp	Asn	Thr	Glu	Lys	Leu	Glu	Asp	Ala	Glu	Ser
				155						160				165
Ser	Asn	Pro	Asn	Gln	Ser	Leu	Leu	Ser	Thr	Asp	Ala	Leu	Pro	
				170						175				180
Ser	Ala	Ser	Lys	Gly	Trp	Ser	Thr	Ser	Glu	Asn	Ser	Leu	Asn	Val
				185						190				195
Met	Leu	Glu	Ser	His	Met	Asp	Cys	Met						

<210> 18
 <211> 713
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 2709055CD1

<400> 18
 Met Tyr Leu Leu Ile Gln Met Cys Tyr His Leu Ala Leu Pro Trp
 1 5 10 15
 Tyr Ser Lys Tyr Phe Pro Tyr Leu Ala Leu Ile His Thr Ile Ile
 20 25 30
 Leu Met Ala Ser Ser Asn Phe Trp Phe Lys Tyr Pro Lys Thr Cys
 35 40 45
 Ser Lys Val Glu His Ser Val Ser Ile Leu Gly Lys Cys Phe Glu
 50 55 60
 Ser Pro Trp Thr Thr Lys Ala Leu Ser Glu Thr Ala Cys Glu Asp
 65 70 75
 Ser Glu Glu Asn Lys Gln Arg Ile Thr Gly Ala Gln Thr Leu Pro
 80 85 90
 Lys His Val Ser Thr Ser Ser Asp Glu Gly Ser Pro Ser Ala Ser
 95 100 105
 Thr Pro Met Ile Asn Lys Thr Gly Phe Lys Phe Ser Ala Glu Lys
 110 115 120
 Pro Val Ile Glu Val Pro Ser Met Thr Ile Leu Asp Lys Lys Asp
 125 130 135
 Gly Glu Gln Ala Lys Ala Leu Phe Glu Lys Val Arg Lys Phe Arg
 140 145 150
 Ala His Val Glu Asp Ser Asp Leu Ile Tyr Lys Leu Tyr Val Val
 155 160 165
 Gln Thr Val Ile Lys Thr Ala Lys Phe Ile Phe Ile Leu Cys Tyr
 170 175 180
 Thr Ala Asn Phe Val Asn Ala Ile Ser Phe Glu His Val Cys Lys
 185 190 195
 Pro Lys Val Glu His Leu Ile Gly Tyr Glu Val Phe Glu Cys Thr
 200 205 210
 His Asn Met Ala Tyr Met Leu Lys Lys Leu Leu Ile Ser Tyr Ile
 215 220 225
 Ser Ile Ile Cys Val Tyr Gly Phe Ile Cys Leu Tyr Thr Leu Phe
 230 235 240
 Trp Leu Phe Arg Ile Pro Leu Lys Glu Tyr Ser Phe Glu Lys Val
 245 250 255
 Arg Glu Glu Ser Ser Phe Ser Asp Ile Pro Asp Val Lys Asn Asp
 260 265 270
 Phe Ala Phe Leu Leu His Met Val Asp Gln Tyr Asp Gln Leu Tyr
 275 280 285
 Ser Lys Arg Phe Gly Val Phe Leu Ser Glu Val Ser Glu Asn Lys
 290 295 300
 Leu Arg Glu Ile Ser Leu Asn His Glu Trp Thr Phe Glu Lys Leu
 305 310 315
 Arg Gln His Ile Ser Arg Asn Ala Gln Asp Lys Gln Glu Leu His
 320 325 330
 Leu Phe Met Leu Ser Gly Val Pro Asp Ala Val Phe Asp Leu Thr
 335 340 345
 Asp Leu Asp Val Leu Lys Leu Glu Leu Ile Pro Glu Ala Lys Ile
 350 355 360
 Pro Ala Lys Ile Ser Gln Met Thr Asn Leu Gln Glu Leu His Leu
 365 370 375
 Cys His Cys Pro Ala Lys Val Glu Gln Thr Ala Phe Ser Phe Leu

380	385	390
Arg Asp His Leu	Arg Cys Leu His Val	Lys Phe Thr Asp Val
395	400	405
Glu Ile Pro Ala	Trp Val Tyr Leu Leu	Lys Asn Leu Arg Glu
410	415	420
Tyr Leu Ile Gly	Asn Leu Asn Ser Glu	Asn Asn Lys Met Ile
425	430	435
Leu Glu Ser Leu	Arg Glu Leu Arg His	Leu Lys Ile Leu His
440	445	450
Lys Ser Asn Leu	Thr Lys Val Pro Ser	Asn Ile Thr Asp Val
455	460	465
Pro His Leu Thr	Lys Leu Val Ile His	Asn Asp Gly Thr Lys
470	475	480
Leu Val Leu Asn	Ser Leu Lys Lys Met	Met Asn Val Ala Glu
485	490	495
Glu Leu Gln Asn	Cys Glu Leu Glu Arg	Ile Pro His Ala Ile
500	505	510
Ser Leu Ser Asn	Leu Gln Glu Leu Asp	Leu Lys Ser Asn Asn
515	520	525
Arg Thr Ile Glu	Glu Ile Ile Ser Phe	Gln His Leu Lys Arg
530	535	540
Thr Cys Leu Lys	Leu Trp His Asn Lys	Ile Val Thr Ile Pro
545	550	555
Ser Ile Thr His	Val Lys Asn Leu Glu	Ser Leu Tyr Phe Ser
560	565	570
Asn Lys Leu Glu	Ser Leu Pro Val Ala	Val Phe Ser Leu Gln
575	580	585
Leu Arg Cys Leu	Asp Val Ser Tyr Asn	Asn Ile Ser Met Ile
590	595	600
Ile Glu Ile Gly	Leu Leu Gln Asn Leu	Gln His Leu His Ile
605	610	615
Gly Asn Lys Val	Asp Ile Leu Pro Lys	Gln Leu Phe Lys Cys
620	625	630
Lys Leu Arg Thr	Leu Asn Leu Gly Gln	Asn Cys Ile Thr Ser
635	640	645
Pro Glu Lys Val	Gly Gln Leu Ser Gln	Leu Thr Gln Leu Glu
650	655	660
Lys Gly Asn Cys	Leu Asp Arg Leu Pro	Ala Gln Leu Gly Gln
665	670	675
Arg Met Leu Lys	Lys Ser Gly Leu Val	Val Glu Asp His Leu
680	685	690
Asp Thr Leu Pro	Leu Glu Val Lys Glu	Ala Leu Asn Gln Asp
695	700	705
Asn Ile Pro Phe	Ala Asn Gly Ile	
710		

<210> 19
 <211> 360
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 2724537CD1

<400> 19
 Met Ala Ser Leu Leu Ala Lys Asp Ala Tyr Leu Gln Ser Leu Ala
 1 5 10 15
 Lys Lys Ile Cys Ser His Ser Ala Pro Glu Gln Gln Ala Arg Thr
 20 25 30
 Arg Ala Gly Lys Thr Gln Gly Ser Glu Thr Ala Gly Pro Pro Lys
 35 40 45
 Lys Lys Arg Lys Lys Thr Gln Lys Lys Phe Arg Lys Arg Glu Glu

Lys	Ala	Ala	Glu	His	Lys	Ala	Lys	Ser	Leu	Gly	Glu	Lys	Ser	Pro	50	55	60
				65					70							75	
Ala	Ala	Ser	Gly	Ala	Arg	Arg	Pro	Glu	Ala	Ala	Lys	Glu	Glu	Ala			
				80					85								90
Ala	Trp	Ala	Ser	Ser	Ser	Ala	Gly	Asn	Pro	Ala	Asp	Gly	Leu	Ala			
				95					100								105
Thr	Glu	Pro	Glu	Ser	Val	Phe	Ala	Leu	Asp	Val	Leu	Arg	Gln	Arg			
				110					115								120
Leu	His	Glu	Lys	Ile	Gln	Glu	Ala	Arg	Gly	Gln	Gly	Ser	Ala	Lys			
				125					130								135
Glu	Leu	Ser	Pro	Ala	Ala	Leu	Glu	Lys	Arg	Arg	Arg	Arg	Lys	Gln			
				140					145								150
Glu	Arg	Asp	Arg	Lys	Lys	Arg	Lys	Arg	Lys	Glu	Leu	Arg	Ala	Lys			
				155					160								165
Glu	Lys	Ala	Arg	Lys	Ala	Glu	Glu	Ala	Thr	Glu	Ala	Gln	Glu	Val			
				170					175								180
Val	Glu	Ala	Thr	Pro	Glu	Gly	Ala	Cys	Thr	Glu	Pro	Arg	Glu	Pro			
				185					190								195
Pro	Gly	Leu	Ile	Phe	Asn	Lys	Val	Glu	Val	Ser	Glu	Asp	Glu	Pro			
				200					205								210
Ala	Ser	Lys	Ala	Gln	Arg	Arg	Lys	Glu	Lys	Arg	Gln	Arg	Val	Lys			
				215					220								225
Gly	Asn	Leu	Thr	Pro	Leu	Thr	Gly	Arg	Asn	Tyr	Arg	Gln	Leu	Leu			
				230					235								240
Glu	Arg	Leu	Gln	Ala	Arg	Gln	Ser	Arg	Leu	Asp	Glu	Leu	Arg	Gly			
				245					250								255
Gln	Asp	Glu	Gly	Lys	Ala	Gln	Glu	Leu	Glu	Ala	Lys	Met	Lys	Trp			
				260					265								270
Thr	Asn	Leu	Leu	Tyr	Lys	Ala	Glu	Gly	Val	Lys	Ile	Arg	Asp	Asp			
				275					280								285
Glu	Arg	Leu	Leu	Gln	Glu	Ala	Leu	Lys	Arg	Lys	Glu	Lys	Arg	Arg			
				290					295								300
Ala	Gln	Arg	Gln	Arg	Arg	Trp	Glu	Lys	Arg	Thr	Ala	Gly	Val	Val			
				305					310								315
Glu	Lys	Met	Gln	Gln	Arg	Gln	Asp	Arg	Arg	Arg	Gln	Asn	Leu	Arg			
				320					325								330
Arg	Lys	Lys	Ala	Ala	Arg	Ala	Glu	Arg	Arg	Leu	Leu	Arg	Ala	Arg			
				335					340								345
Lys	Lys	Gly	Arg	Ile	Leu	Pro	Gln	Asp	Leu	Glu	Arg	Ala	Gly	Leu			
				350					355								360

<210> 20

<211> 196

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 025818CD1

<400> 20

Met	Pro	Ala	Asp	Ile	Met	Glu	Lys	Asn	Ser	Ser	Ser	Pro	Val	Ala			
1				5					10					15			
Ala	Thr	Pro	Ala	Ser	Val	Asn	Thr	Thr	Pro	Asp	Lys	Pro	Lys	Thr			
				20					25					30			
Ala	Ser	Glu	His	Arg	Lys	Ser	Ser	Lys	Pro	Ile	Met	Glu	Lys	Arg			
				35					40					45			
Arg	Arg	Ala	Arg	Ile	Asn	Glu	Ser	Leu	Ser	Gln	Leu	Lys	Thr	Leu			
				50					55					60			
Ile	Leu	Asp	Ala	Leu	Lys	Lys	Asp	Ser	Ser	Arg	His	Ser	Lys	Leu			

	65		70		75
Glu Lys Ala Asp	Ile Leu Glu Met Thr	Val Lys His Leu Arg	Asn		
	80		85		90
Leu Gln Arg Ala	Gln Met Thr Ala Ala	Leu Ser Thr Asp	Pro Ser		
	95		100		105
Val Leu Gly Lys	Tyr Arg Ala Gly Phe	Ser Glu Cys Met	Asn Glu		
	110		115		120
Val Thr Arg Phe	Leu Ser Ser Pro Ser	Thr Pro Ala Thr	Ala Ala		
	125		130		135
Pro Pro Trp Ala	Pro Thr Gln Cys His	Leu Pro Ala Ala	Pro Arg		
	140		145		150
Leu Arg Arg Thr	Pro Cys Gly Gly Arg	Gly Gly Thr Glu	Gly Ala		
	155		160		165
Gln Ala Thr Pro	Pro Pro Lys Leu Pro	Asn Pro Pro Leu	Phe Pro		
	170		175		180
Pro Asp Ser Lys	Gln Glu Leu Glu Tyr	Trp Glu Arg Arg	Gly Leu		
	185		190		195
Phe					

<210> 21
 <211> 540
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 438283CD1

<400> 21

Met Leu Arg Glu Glu Ala Thr Lys Lys Ser	Lys Glu Lys Glu Pro
1 5 10	15
Gly Met Ala Leu Pro Gln Gly Arg Leu Ala	Phe Arg Asp Val Ala
20 25	30
Ile Glu Phe Ser Leu Glu Glu Trp Lys Cys	Leu Asn Pro Ala Gln
35 40	45
Arg Ala Leu Tyr Arg Ala Val Met Leu Glu	Asn Tyr Arg Asn Leu
50 55	60
Glu Phe Val Asp Ser Ser Leu Lys Ser Met	Met Glu Phe Ser Ser
65 70	75
Thr Arg His Ser Asn Thr Gly Glu Val Ile	His Thr Gly Thr Leu
80 85	90
Gln Arg His Lys Ser His His Ile Gly Asp	Phe Cys Phe Pro Glu
95 100	105
Met Lys Lys Asp Ile His His Phe Glu Phe	Gln Trp Gln Glu Val
110 115	120
Glu Arg Asn Gly His Glu Ala Pro Met Thr	Lys Ile Lys Lys Leu
125 130	135
Thr Gly Ser Thr Asp Arg Ser Asp His Arg	His Ala Gly Asn Lys
140 145	150
Pro Ile Lys Asp Gln Leu Gly Leu Ser Phe	His Ser His Leu Pro
155 160	165
Glu Leu His Met Phe Gln Thr Lys Gly Lys	Ile Ser Asn Gln Leu
170 175	180
Asp Lys Ser Ile Ser Gly Ala Ser Ser Ala	Ser Glu Ser Gln Arg
185 190	195
Ile Ser Cys Arg Leu Lys Thr His Ile Ser	Asn Lys Tyr Gly Lys
200 205	210
Asn Phe Leu His Ser Ser Phe Thr Gln Ile	Gln Glu Ile Cys Met
215 220	225
Arg Glu Lys Pro Cys Gln Ser Asn Glu Cys	Gly Lys Ala Phe Asn
230 235	240

Tyr	Ser	Ser	Leu	Leu	Arg	Arg	His	His	Ile	Thr	His	Ser	Arg	Glu	245	250	255
Arg	Glu	Tyr	Lys	Cys	Asp	Val	Cys	Gly	Lys	Ile	Phe	Asn	Gln	Lys	260	265	270
Gln	Tyr	Ile	Val	Tyr	His	His	Arg	Cys	His	Thr	Gly	Glu	Lys	Thr	275	280	285
Tyr	Lys	Cys	Asn	Glu	Cys	Gly	Lys	Thr	Phe	Thr	Gln	Met	Ser	Ser	290	295	300
Leu	Val	Cys	His	Arg	Arg	Leu	His	Thr	Gly	Glu	Lys	Pro	Tyr	Lys	305	310	315
Cys	Asn	Glu	Cys	Gly	Lys	Thr	Phe	Ser	Glu	Lys	Ser	Ser	Leu	Arg	320	325	330
Cys	His	Arg	Arg	Leu	His	Thr	Gly	Glu	Lys	Pro	Tyr	Lys	Cys	Asn	335	340	345
Glu	Cys	Gly	Lys	Thr	Phe	Gly	Arg	Asn	Ser	Ala	Leu	Val	Ile	His	350	355	360
Lys	Ala	Ile	His	Thr	Gly	Glu	Lys	Pro	Tyr	Lys	Cys	Asn	Glu	Cys	365	370	375
Gly	Lys	Thr	Phe	Ser	Gln	Lys	Ser	Ser	Leu	Gln	Cys	His	His	Ile	380	385	390
Leu	His	Thr	Gly	Glu	Lys	Pro	Tyr	Lys	Cys	Glu	Glu	Cys	Asp	Asn	395	400	405
Val	Tyr	Ile	Arg	Arg	Ser	His	Leu	Glu	Arg	His	Arg	Lys	Ile	His	410	415	420
Thr	Gly	Glu	Gly	Ser	Tyr	Lys	Cys	Lys	Val	Cys	Asp	Lys	Ala	Phe	425	430	435
Arg	Ser	Asp	Ser	Cys	Leu	Ala	Asn	His	Thr	Arg	Val	His	Thr	Gly	440	445	450
Glu	Lys	Pro	Tyr	Lys	Cys	Asn	Lys	Cys	Ala	Lys	Val	Phe	Asn	Gln	455	460	465
Lys	Gly	Ile	Leu	Ala	Gln	His	Gln	Arg	Val	His	Thr	Gly	Glu	Lys	470	475	480
Pro	Tyr	Lys	Cys	Asn	Glu	Cys	Gly	Lys	Val	Phe	Asn	Gln	Lys	Ala	485	490	495
Ser	Leu	Ala	Lys	His	Gln	Arg	Val	His	Thr	Ala	Glu	Lys	Pro	Tyr	500	505	510
Lys	Cys	Asn	Glu	Cys	Gly	Lys	Ala	Phe	Thr	Gly	Gln	Ser	Thr	Leu	515	520	525
Ile	His	His	Gln	Ala	Ile	His	Gly	Cys	Arg	Glu	Thr	Leu	Gln	Met	530	535	540

<210> 22

<211> 549

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 619699CD1

<400> 22

Met	Leu	Glu	Asn	Tyr	Lys	Asn	Leu	Ala	Thr	Val	Gly	Tyr	Gln	Leu	1	5	10	15
Phe	Lys	Pro	Ser	Leu	Ile	Ser	Trp	Leu	Glu	Gln	Glu	Glu	Ser	Arg	20	25	30	35
Thr	Val	Gln	Arg	Gly	Asp	Phe	Gln	Ala	Ser	Glu	Trp	Lys	Val	Gln	35	40	45	50
Leu	Lys	Thr	Lys	Glu	Leu	Ala	Leu	Gln	Gln	Asp	Val	Leu	Gly	Glu	50	55	60	65
Pro	Thr	Ser	Ser	Gly	Ile	Gln	Met	Ile	Gly	Ser	His	Asn	Gly	Gly	65	70	75	80
Glu	Val	Ser	Asp	Val	Lys	Gln	Cys	Gly	Asp	Val	Ser	Ser	Glu	His	80	85	90	

Ser	Cys	Leu	Lys	Thr	His	Val	Arg	Thr	Gln	Asn	Ser	Glu	Asn	Thr	
				95					100						105
Phe	Glu	Cys	Tyr	Leu	Tyr	Gly	Val	Asp	Phe	Leu	Thr	Leu	His	Lys	
				110					115						120
Lys	Thr	Ser	Thr	Gly	Glu	Gln	Arg	Ser	Val	Phe	Ser	Gln	Cys	Gly	
				125					130						135
Lys	Ala	Phe	Ser	Leu	Asn	Pro	Asp	Val	Val	Cys	Gln	Arg	Thr	Cys	
				140					145						150
Thr	Gly	Glu	Lys	Ala	Phe	Asp	Cys	Ser	Asp	Ser	Gly	Lys	Ser	Phe	
				155					160						165
Ile	Asn	His	Ser	His	Leu	Gln	Gly	His	Leu	Arg	Thr	His	Asn	Gly	
				170					175						180
Glu	Ser	Leu	His	Glu	Trp	Lys	Glu	Cys	Gly	Arg	Gly	Phe	Ile	His	
				185					190						195
Ser	Thr	Asp	Leu	Ala	Val	Arg	Ile	Gln	Thr	His	Arg	Ser	Glu	Lys	
				200					205						210
Pro	Tyr	Lys	Cys	Lys	Glu	Cys	Gly	Lys	Gly	Phe	Arg	Tyr	Ser	Ala	
				215					220						225
Tyr	Leu	Asn	Ile	His	Met	Gly	Thr	His	Thr	Gly	Asp	Asn	Pro	Tyr	
				230					235						240
Glu	Cys	Lys	Glu	Cys	Gly	Lys	Ala	Phe	Thr	Arg	Ser	Cys	Gln	Leu	
				245					250						255
Thr	Gln	His	Arg	Lys	Thr	His	Thr	Gly	Glu	Lys	Pro	Tyr	Lys	Cys	
				260					265						270
Lys	Asp	Cys	Gly	Arg	Ala	Phe	Thr	Val	Ser	Ser	Cys	Leu	Ser	Gln	
				275					280						285
His	Met	Lys	Ile	His	Val	Gly	Glu	Lys	Pro	Tyr	Glu	Cys	Lys	Glu	
				290					295						300
Cys	Gly	Ile	Ala	Phe	Thr	Arg	Ser	Ser	Gln	Leu	Thr	Glu	His	Leu	
				305					310						315
Lys	Thr	His	Thr	Ala	Lys	Asp	Pro	Phe	Glu	Cys	Lys	Val	Cys	Gly	
				320					325						330
Lys	Ser	Phe	Arg	Asn	Ser	Ser	Cys	Leu	Ser	Asp	His	Phe	Arg	Ile	
				335					340						345
His	Thr	Gly	Ile	Lys	Pro	Tyr	Lys	Cys	Lys	Asp	Cys	Gly	Lys	Ala	
				350					355						360
Phe	Thr	Gln	Asn	Ser	Asp	Leu	Thr	Lys	His	Ala	Arg	Thr	His	Ser	
				365					370						375
Gly	Glu	Arg	Pro	Tyr	Glu	Cys	Lys	Glu	Cys	Gly	Lys	Ala	Phe	Ala	
				380					385						390
Arg	Ser	Ser	Arg	Leu	Ser	Glu	His	Thr	Arg	Thr	His	Thr	Gly	Glu	
				395					400						405
Lys	Pro	Phe	Glu	Cys	Val	Lys	Cys	Gly	Lys	Ala	Phe	Ala	Ile	Ser	
				410					415						420
Ser	Asn	Leu	Ser	Gly	His	Leu	Arg	Ile	His	Thr	Gly	Glu	Lys	Pro	
				425					430						435
Phe	Glu	Cys	Leu	Glu	Cys	Gly	Lys	Ala	Phe	Thr	His	Ser	Ser	Ser	
				440					445						450
Leu	Asn	Asn	His	Met	Arg	Thr	His	Ser	Ala	Lys	Lys	Pro	Phe	Thr	
				455					460						465
Cys	Met	Glu	Cys	Gly	Lys	Ala	Phe	Lys	Phe	Pro	Thr	Cys	Val	Asn	
				470					475						480
Leu	His	Met	Arg	Ile	His	Thr	Gly	Glu	Lys	Pro	Tyr	Lys	Cys	Lys	
				485					490						495
Gln	Cys	Gly	Lys	Ser	Phe	Ser	Tyr	Ser	Asn	Ser	Phe	Gln	Leu	His	
				500					505						510
Glu	Arg	Thr	His	Thr	Gly	Glu	Lys	Pro	Tyr	Glu	Cys	Lys	Glu	Cys	
				515					520						525
Gly	Lys	Ala	Phe	Ser	Ser	Ser	Ser	Ser	Phe	Arg	Asn	His	Glu	Arg	
				530					535						540
Arg	His	Ala	Asp	Glu	Arg	Leu	Ser	Ala							
				545											

<210> 23
 <211> 361
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 693452CD1

<400> 23
 Met Ala Asp Phe Lys Val Leu Ser Ser Gln Asp Ile Lys Trp Ala
 1 5 10 15
 Leu His Glu Leu Lys Gly His Tyr Ala Ile Thr Arg Lys Ala Leu
 20 25 30
 Ser Asp Ala Ile Lys Lys Trp Gln Glu Leu Ser Pro Glu Thr Ser
 35 40 45
 Gly Lys Arg Lys Lys Arg Lys Gln Met Asn Gln Tyr Ser Tyr Ile
 50 55 60
 Asp Phe Lys Phe Glu Gln Gly Asp Ile Lys Ile Glu Lys Arg Met
 65 70 75
 Phe Phe Leu Glu Asn Lys Arg Arg His Cys Arg Ser Tyr Asp Arg
 80 85 90
 Arg Ala Leu Leu Pro Ala Val Gln Gln Glu Gln Glu Phe Tyr Glu
 95 100 105
 Gln Lys Ile Lys Glu Met Ala Glu His Glu Asp Phe Leu Leu Ala
 110 115 120
 Leu Gln Met Asn Glu Glu Gln Tyr Gln Lys Asp Gly Gln Leu Ile
 125 130 135
 Glu Cys Arg Cys Cys Tyr Gly Glu Phe Pro Phe Glu Glu Leu Thr
 140 145 150
 Gln Cys Ala Asp Ala His Leu Phe Cys Lys Glu Cys Leu Ile Arg
 155 160 165
 Tyr Ala Gln Glu Ala Val Phe Gly Ser Gly Lys Leu Glu Leu Ser
 170 175 180
 Cys Met Glu Gly Ser Cys Thr Cys Ser Phe Pro Thr Ser Glu Leu
 185 190 195
 Glu Lys Val Leu Pro Gln Thr Ile Leu Tyr Lys Tyr Tyr Glu Arg
 200 205 210
 Lys Ala Glu Glu Glu Val Ala Ala Ala Tyr Ala Asp Glu Leu Val
 215 220 225
 Arg Cys Pro Ser Cys Ser Phe Pro Ala Leu Leu Asp Ser Asp Val
 230 235 240
 Lys Arg Phe Ser Cys Pro Asn Pro His Cys Arg Lys Glu Thr Cys
 245 250 255
 Arg Lys Cys Gln Gly Leu Trp Lys Glu His Asn Gly Leu Thr Cys
 260 265 270
 Glu Glu Leu Ala Glu Lys Asp Asp Ile Lys Tyr Arg Thr Ser Ile
 275 280 285
 Glu Glu Lys Met Thr Ala Ala Arg Ile Arg Lys Cys His Lys Cys
 290 295 300
 Gly Thr Gly Leu Ile Lys Ser Glu Gly Cys Asn Arg Met Ser Cys
 305 310 315
 Arg Cys Gly Ala Gln Met Cys Tyr Leu Cys Arg Val Ser Ile Asn
 320 325 330
 Gly Tyr Asp His Xaa Cys Gln Gln Ser Arg Leu Thr Gly Ala Pro
 335 340 345
 Phe Gln Gly Val Phe Lys Met Leu Ser Met Asp Arg Leu Gln Cys
 350 355 360
 Lys

<210> 24
 <211> 241
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 839651CD1

<400> 24
 Met Trp Pro Ser Leu Glu Ala Leu Cys Ser Leu Phe Ala Ala Arg
 1 5 10 15
 Ser Thr Gly Ser Gln Ala Gln Ser Ala Pro Thr Pro Ala Trp Asp
 20 25 30
 Glu Asp Thr Ala Gln Ile Gly Pro Lys Arg Ile Arg Lys Ala Ala
 35 40 45
 Lys Arg Glu Leu Met Pro Cys Asp Phe Pro Gly Cys Gly Arg Ile
 50 55 60
 Phe Ser Asn Arg Gln Tyr Leu Asn His His Lys Lys Tyr Gln His
 65 70 75
 Ile His Gln Lys Ser Phe Ser Cys Pro Glu Pro Ala Cys Gly Lys
 80 85 90
 Ser Phe Asn Phe Lys Lys His Leu Lys Glu His Met Lys Leu His
 95 100 105
 Ser Asp Thr Arg Asp Tyr Ile Cys Glu Phe Cys Ala Arg Ser Phe
 110 115 120
 Arg Thr Ser Ser Asn Leu Val Ile His Arg Arg Ile His Thr Gly
 125 130 135
 Glu Lys Pro Leu Gln Cys Glu Ile Cys Gly Phe Thr Cys Arg Gln
 140 145 150
 Lys Ala Ser Leu Asn Trp His Gln Arg Lys His Ala Glu Thr Val
 155 160 165
 Ala Ala Leu Arg Phe Pro Cys Glu Phe Cys Gly Lys Arg Phe Glu
 170 175 180
 Lys Pro Asp Ser Val Ala Ala His Arg Ser Lys Ser His Pro Ala
 185 190 195
 Leu Leu Leu Ala Pro Gln Glu Ser Pro Ser Gly Pro Leu Glu Pro
 200 205 210
 Cys Pro Ser Ile Ser Ala Pro Gly Pro Leu Gly Ser Ser Glu Gly
 215 220 225
 Ser Arg Pro Ser Ala Ser Pro Gln Ala Pro Thr Leu Leu Pro Gln
 230 235 240
 Gln

<210> 25
 <211> 576
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 1253545CD1

<400> 25
 Met Ala Lys Ala Gln Glu Thr Gly His Leu Val Met Asp Val Arg
 1 5 10 15
 Arg Tyr Gly Lys Ala Gly Ser Pro Glu Thr Lys Trp Ile Asp Ala
 20 25 30
 Thr Ser Gly Ile Tyr Asn Ser Glu Lys Ser Ser Asn Leu Ser Val
 35 40 45
 Thr Thr Asp Phe Ser Glu Ser Leu Gln Ser Ser Asn Ile Glu Ser

	50		55		60
Lys Glu Ile Asn Gly	Ile His Asp Glu Ser	Asn Ala Phe Glu Ser			
	65		70		75
Lys Ala Ser Glu Ser	Ile Ser Leu Lys Asn	Leu Lys Arg Arg Ser			
	80		85		90
Gln Phe Phe Glu Gln	Gly Ser Ser Asp Ser	Val Val Pro Asp Leu			
	95		100		105
Pro Val Pro Thr Ile	Ser Ala Pro Ser Arg	Trp Val Trp Asp Gln			
	110		115		120
Glu Glu Glu Arg Lys	Arg Gln Glu Arg Trp	Gln Lys Glu Gln Asp			
	125		130		135
Arg Leu Leu Gln Glu	Lys Tyr Gln Arg Glu	Gln Glu Lys Leu Arg			
	140		145		150
Glu Glu Trp Gln Arg	Ala Lys Gln Glu Ala	Glu Arg Glu Asn Ser			
	155		160		165
Lys Tyr Leu Asp Glu	Glu Leu Met Val Leu	Ser Ser Asn Ser Met			
	170		175		180
Ser Leu Thr Thr Arg	Glu Pro Ser Leu Ala	Thr Trp Glu Ala Thr			
	185		190		195
Trp Ser Glu Gly Ser	Lys Ser Ser Asp Arg	Glu Gly Thr Arg Ala			
	200		205		210
Gly Glu Glu Glu Arg	Arg Gln Pro Gln Glu	Glu Val Val His Glu			
	215		220		225
Asp Gln Gly Lys Lys	Pro Gln Asp Gln Leu	Val Ile Glu Arg Glu			
	230		235		240
Arg Lys Trp Glu Gln	Gln Leu Gln Glu Glu	Gln Glu Gln Lys Arg			
	245		250		255
Leu Gln Ala Glu Ala	Glu Glu Gln Lys Arg	Pro Ala Glu Glu Gln			
	260		265		270
Lys Arg Gln Ala Glu	Ile Glu Arg Glu Thr	Ser Val Arg Ile Tyr			
	275		280		285
Gln Tyr Arg Arg Pro	Val Asp Ser Tyr Asp	Ile Pro Lys Thr Glu			
	290		295		300
Glu Ala Ser Ser Gly	Phe Leu Pro Gly Asp	Arg Asn Lys Ser Arg			
	305		310		315
Ser Thr Thr Glu Leu	Asp Asp Tyr Ser Thr	Asn Lys Asn Gly Asn			
	320		325		330
Asn Lys Tyr Leu Asp	Gln Ile Gly Asn Thr	Thr Ser Ser Gln Arg			
	335		340		345
Arg Ser Lys Lys Glu	Gln Val Pro Ser Gly	Ala Glu Leu Glu Arg			
	350		355		360
Gln Gln Ile Leu Gln	Glu Met Arg Lys Arg	Thr Pro Leu His Asn			
	365		370		375
Asp Asn Ser Trp Ile	Arg Gln Arg Ser Ala	Ser Val Asn Lys Glu			
	380		385		390
Pro Val Ser Leu Pro	Gly Ile Met Arg Arg	Gly Glu Ser Leu Asp			
	395		400		405
Asn Leu Asp Ser Pro	Arg Ser Asn Ser Trp	Arg Gln Pro Pro Trp			
	410		415		420
Leu Asn Gln Pro Thr	Gly Phe Tyr Ala Ser	Ser Ser Ser Val Gln Asp			
	425		430		435
Phe Ser Arg Pro Gln	Pro Gln Leu Val Ser	Thr Ser Asn Arg Ala			
	440		445		450
Tyr Met Arg Asn Pro	Ser Ser Ser Val Pro	Pro Pro Ser Ala Gly			
	455		460		465
Ser Val Lys Thr Ser	Thr Thr Gly Val Ala	Thr Thr Gln Ser Pro			
	470		475		480
Thr Pro Arg Ser His	Ser Pro Ser Ala Ser	Gln Ser Gly Ser Gln			
	485		490		495
Leu Arg Asn Arg Ser	Val Ser Gly Lys Arg	Ile Cys Ser Tyr Cys			
	500		505		510
Asn Asn Ile Leu Gly	Lys Gly Ala Ala Met	Ile Ile Glu Ser Leu			
	515		520		525
Gly Leu Cys Tyr His	Leu His Cys Phe Lys	Cys Val Ala Cys Glu			

Cys Asp Leu Gly	Gly Ser Ser Ser Gly	Ala Glu Val Arg Ile	Arg
530	535	540	
545	550	555	
Asn His Gln Leu Tyr	Cys Asn Asp Cys Tyr	Leu Arg Phe Lys	Ser
560	565	570	
Gly Arg Pro Thr	Ala Met		
575			

<210> 26

<211> 408

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 1425691CD1

<400> 26

Met Pro Gly His Leu Gln Glu Gly Phe Gly Cys Val Val Thr Asn	
1 5 10 15	
Arg Phe Asp Gln Leu Phe Asp Asp Glu Ser Asp Pro Phe Glu Val	
20 25 30	
Leu Lys Ala Ala Glu Asn Lys Lys Lys Glu Ala Gly Gly Gly Gly	
35 40 45	
Val Gly Gly Pro Gly Ala Lys Ser Ala Ala Gln Ala Ala Ala Gln	
50 55 60	
Thr Asn Ser Asn Ala Ala Gly Lys Gln Leu Arg Lys Glu Ser Gln	
65 70 75	
Lys Asp Arg Lys Asn Pro Leu Pro Pro Ser Val Gly Val Val Asp	
80 85 90	
Lys Lys Glu Glu Thr Gln Pro Pro Val Ala Leu Lys Lys Glu Gly	
95 100 105	
Ile Arg Arg Val Gly Arg Arg Pro Asp Gln Gln Leu Gln Gly Glu	
110 115 120	
Gly Lys Ile Ile Asp Arg Arg Pro Glu Arg Arg Pro Pro Arg Glu	
125 130 135	
Arg Arg Phe Glu Lys Pro Leu Glu Glu Lys Gly Glu Gly Gly Glu	
140 145 150	
Phe Ser Val Asp Arg Pro Ile Ile Asp Arg Pro Ile Arg Gly Arg	
155 160 165	
Gly Gly Leu Gly Arg Gly Arg Gly Gly Arg Gly Arg Gly Met Gly	
170 175 180	
Arg Gly Asp Gly Phe Asp Ser Arg Gly Lys Arg Glu Phe Asp Arg	
185 190 195	
His Ser Gly Ser Asp Arg Ser Ser Phe Ser His Tyr Ser Gly Leu	
200 205 210	
Lys His Glu Asp Lys Arg Gly Gly Ser Gly Ser His Asn Trp Gly	
215 220 225	
Thr Val Lys Asp Glu Leu Thr Glu Ser Pro Lys Tyr Ile Gln Lys	
230 235 240	
Gln Ile Ser Tyr Asn Tyr Ser Asp Leu Asp Gln Ser Asn Val Thr	
245 250 255	
Glu Glu Thr Pro Glu Gly Glu Glu His His Pro Val Ala Asp Thr	
260 265 270	
Glu Asn Lys Glu Asn Glu Val Glu Glu Val Lys Glu Glu Gly Pro	
275 280 285	
Lys Glu Met Thr Leu Asp Glu Trp Lys Ala Ile Gln Asn Lys Asp	
290 295 300	
Arg Ala Lys Val Glu Phe Asn Ile Arg Lys Pro Asn Glu Gly Ala	
305 310 315	
Asp Gly Gln Trp Lys Lys Gly Phe Val Leu His Lys Ser Lys Ser	
320 325 330	
Glu Glu Ala His Ala Glu Asp Ser Val Met Asp His His Phe Arg	

Lys	Pro	Ala	Asn	335	Ile	Thr	Ser	Gln	340	Leu	Glu	Ile	Asn	Phe	Gly	345
Asp	Leu	Gly	Arg	350	Pro	Gly	Arg	Gly	355	Arg	Gly	Gly	Arg	Gly	Gly	360
Arg	Gly	Arg	Gly	365	Gly	Arg	Pro	Asn	370	Gly	Ser	Arg	Thr	Asp	Lys	375
Ser	Ser	Ala	Ser	380	Ala	Pro	Asp	Val	385	Asp	Pro	Glu	Ala	Phe	Pro	390
Ala	Leu	Ala		395					400							405

<210> 27
 <211> 810
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 1484257CD1

<400> 27

Met	Asp	Phe	Pro	Gln	His	Ser	Gln	His	Val	Leu	Glu	Gln	Leu	Asn		
1				5					10					15		
Gln	Gln	Arg	Gln	Leu	Gly	Leu	Leu	Cys	Asp	Cys	Thr	Phe	Val	Val		
Asp	Gly	Val	His	Phe	Lys	Ala	His	Lys	Ala	Val	Leu	Ala	Ala	Cys		
Ser	Glu	Tyr	Phe	Lys	Met	Leu	Phe	Val	Asp	Gln	Lys	Asp	Val	Val		
His	Leu	Asp	Ile	Ser	Asn	Ala	Ala	Gly	Leu	Gly	Gln	Val	Leu	Glu		
Phe	Met	Tyr	Thr	Ala	Lys	Leu	Ser	Leu	Ser	Pro	Glu	Asn	Val	Asp		
Asp	Val	Leu	Ala	Val	Ala	Thr	Phe	Leu	Gln	Met	Gln	Asp	Ile	Ile		
Thr	Ala	Cys	His	Ala	Leu	Lys	Ser	Leu	Ala	Glu	Pro	Ala	Thr	Ser		
Pro	Gly	Gly	Asn	Ala	Glu	Ala	Leu	Ala	Gln	Lys	Val	Cys	Pro	Val		
Pro	Ser	Pro	Gly	Gly	Asp	Lys	Arg	Ala	Lys	Glu	Glu	Lys	Val	Ala		
Thr	Ser	Thr	Leu	Ser	Arg	Leu	Glu	Gln	Ala	Gly	Arg	Ser	Thr	Pro		
Ile	Gly	Pro	Ser	Arg	Asp	Leu	Lys	Glu	Glu	Arg	Gly	Gly	Gln	Ala		
Gln	Ser	Ala	Ala	Ser	Gly	Ala	Glu	Gln	Thr	Glu	Lys	Ala	Asp	Ala		
Pro	Arg	Glu	Pro	Pro	Pro	Val	Glu	Leu	Lys	Pro	Asp	Pro	Thr	Ser		
Gly	Met	Ala	Ala	Ala	Glu	Ala	Glu	Ala	Ala	Leu	Ser	Glu	Ser	Ser		
Glu	Gln	Glu	Met	Glu	Val	Glu	Pro	Ala	Arg	Lys	Gly	Glu	Glu	Glu		
Gln	Lys	Glu	Gln	Glu	Glu	Gln	Glu	Glu	Glu	Gly	Ala	Gly	Pro	Ala		
Glu	Val	Lys	Glu	Glu	Gly	Ser	Gln	Leu	Glu	Asn	Gly	Glu	Ala	Pro		
Glu	Glu	Asn	Glu	Asn	Glu	Glu	Ser	Ala	Gly	Thr	Asp	Ser	Gly	Gln		
Glu	Leu	Gly	Ser	Glu	Ala	Arg	Gly	Leu	Arg	Ser	Gly	Thr	Tyr	Gly		
Asp	Arg	Thr	Glu	Ser	Lys	Ala	Tyr	Gly	Ser	Val	Ile	His	Lys	Cys		
				305					310					315		

Glu	Asp	Cys	Gly	Lys	Glu	Phe	Thr	His	Thr	Gly	Asn	Phe	Lys	Arg
				320					325					330
His	Ile	Arg	Ile	His	Thr	Gly	Glu	Lys	Pro	Phe	Ser	Cys	Arg	Glu
				335					340					345
Cys	Ser	Lys	Ala	Phe	Ser	Asp	Pro	Ala	Ala	Cys	Glu	Ala	His	Glu
				350					355					360
Lys	Thr	His	Ser	Pro	Leu	Lys	Pro	Tyr	Gly	Cys	Glu	Glu	Cys	Gly
				365					370					375
Lys	Ser	Tyr	Arg	Leu	Ile	Ser	Leu	Leu	Asn	Leu	His	Lys	Lys	Arg
				380					385					390
His	Ser	Gly	Glu	Ala	Arg	Tyr	Arg	Cys	Glu	Asp	Cys	Gly	Lys	Leu
				395					400					405
Phe	Thr	Thr	Ser	Gly	Asn	Leu	Lys	Arg	His	Gln	Leu	Val	His	Ser
				410					415					420
Gly	Glu	Lys	Pro	Tyr	Gln	Cys	Asp	Tyr	Cys	Gly	Arg	Ser	Phe	Ser
				425					430					435
Asp	Pro	Thr	Ser	Lys	Met	Arg	His	Leu	Glu	Thr	His	Asp	Thr	Asp
				440					445					450
Lys	Glu	His	Lys	Cys	Pro	His	Cys	Asp	Lys	Lys	Phe	Asn	Gln	Val
				455					460					465
Gly	Asn	Leu	Lys	Ala	His	Leu	Lys	Ile	His	Ile	Ala	Asp	Gly	Pro
				470					475					480
Leu	Lys	Cys	Arg	Glu	Cys	Gly	Lys	Gln	Phe	Thr	Thr	Ser	Gly	Asn
				485					490					495
Leu	Lys	Arg	His	Leu	Arg	Ile	His	Ser	Gly	Glu	Lys	Pro	Tyr	Val
				500					505					510
Cys	Ile	His	Cys	Gln	Arg	Gln	Phe	Ala	Asp	Pro	Gly	Ala	Leu	Gln
				515					520					525
Arg	His	Val	Arg	Ile	His	Thr	Gly	Glu	Lys	Pro	Cys	Gln	Cys	Val
				530					535					540
Met	Cys	Gly	Lys	Ala	Phe	Thr	Gln	Ala	Ser	Ser	Leu	Ile	Ala	His
				545					550					555
Val	Arg	Gln	His	Thr	Gly	Glu	Lys	Pro	Tyr	Val	Cys	Glu	Arg	Cys
				560					565					570
Gly	Lys	Arg	Phe	Val	Gln	Ser	Ser	Gln	Leu	Ala	Asn	His	Ile	Arg
				575					580					585
His	His	Asp	Asn	Ile	Arg	Pro	His	Lys	Cys	Ser	Val	Cys	Ser	Lys
				590					595					600
Ala	Phe	Val	Asn	Val	Gly	Asp	Leu	Ser	Lys	His	Ile	Ile	Ile	His
				605					610					615
Thr	Gly	Glu	Lys	Pro	Tyr	Leu	Cys	Asp	Lys	Cys	Gly	Arg	Gly	Phe
				620					625					630
Asn	Arg	Val	Asp	Asn	Leu	Arg	Ser	His	Val	Lys	Thr	Val	His	Gln
				635					640					645
Gly	Lys	Ala	Gly	Ile	Lys	Ile	Leu	Glu	Pro	Glu	Glu	Gly	Ser	Glu
				650					655					660
Val	Ser	Val	Val	Thr	Val	Asp	Asp	Met	Val	Thr	Leu	Ala	Thr	Glu
				665					670					675
Ala	Leu	Ala	Ala	Thr	Ala	Val	Thr	Gln	Leu	Thr	Val	Val	Pro	Val
				680					685					690
Gly	Ala	Ala	Val	Thr	Ala	Asp	Glu	Thr	Glu	Val	Leu	Lys	Ala	Glu
				695					700					705
Ile	Ser	Lys	Ala	Val	Lys	Gln	Val	Gln	Glu	Glu	Asp	Pro	Asn	Thr
				710					715					720
His	Ile	Leu	Tyr	Ala	Cys	Asp	Ser	Cys	Gly	Asp	Lys	Phe	Leu	Asp
				725					730					735
Ala	Asn	Ser	Leu	Ala	Gln	His	Val	Arg	Ile	His	Thr	Ala	Gln	Ala
				740					745					750
Leu	Val	Met	Phe	Gln	Thr	Asp	Ala	Asp	Phe	Tyr	Gln	Gln	Tyr	Gly
				755					760					765
Pro	Gly	Gly	Thr	Trp	Pro	Ala	Gly	Gln	Val	Leu	Gln	Ala	Gly	Glu
				770					775					780
Leu	Val	Phe	Arg	Pro	Arg	Asp	Gly	Ala	Glu	Gly	Gln	Pro	Ala	Leu
				785					790					795

Ala Glu Thr Ser Pro Thr Ala Pro Glu Cys Pro Pro Pro Ala Glu
 800 805 810

<210> 28
 <211> 324
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 1732368CD1

<400> 28
 Met Asp Trp Ser Glu Val Lys Glu Glu Lys Asp Asn Leu Glu Ile
 1 5 10 15
 Lys Gln Glu Glu Lys Phe Val Gly Gln Cys Ile Lys Glu Glu Leu
 20 25 30
 Met His Gly Glu Cys Val Lys Glu Glu Lys Asp Phe Leu Lys Lys
 35 40 45
 Glu Ile Val Asp Asp Thr Lys Val Lys Glu Glu Pro Pro Ile Asn
 50 55 60
 His Pro Val Gly Cys Lys Arg Lys Leu Ala Met Ser Arg Cys Glu
 65 70 75
 Thr Cys Gly Thr Glu Glu Ala Lys Tyr Arg Cys Pro Arg Cys Met
 80 85 90
 Arg Tyr Ser Cys Ser Leu Pro Cys Val Lys Lys His Lys Ala Glu
 95 100 105
 Leu Thr Cys Asn Gly Val Arg Asp Lys Thr Ala Tyr Ile Ser Ile
 110 115 120
 Gln Gln Phe Thr Glu Met Asn Leu Leu Ser Asp Tyr Arg Phe Leu
 125 130 135
 Glu Asp Val Ala Arg Thr Ala Asp His Ile Ser Arg Asp Ala Phe
 140 145 150
 Leu Lys Arg Pro Ile Ser Asn Lys Tyr Met Tyr Phe Met Lys Asn
 155 160 165
 Arg Ala Arg Arg Gln Gly Ile Asn Leu Lys Leu Leu Pro Asn Gly
 170 175 180
 Phe Thr Lys Arg Lys Glu Asn Ser Thr Phe Phe Asp Lys Lys Lys
 185 190 195
 Gln Gln Phe Cys Trp His Val Lys Leu Gln Phe Pro Gln Ser Gln
 200 205 210
 Ala Glu Tyr Ile Glu Lys Arg Val Pro Asp Asp Lys Thr Ile Asn
 215 220 225
 Glu Ile Leu Lys Pro Tyr Ile Asp Pro Glu Lys Ser Asp Pro Val
 230 235 240
 Ile Arg Gln Arg Leu Lys Ala Tyr Ile Arg Ser Gln Thr Gly Val
 245 250 255
 Gln Ile Leu Met Lys Ile Glu Tyr Met Gln Gln Asn Leu Val Arg
 260 265 270
 Tyr Tyr Glu Leu Asp Pro Tyr Lys Ser Leu Leu Asp Asn Leu Arg
 275 280 285
 Asn Lys Val Ile Ile Glu Tyr Pro Thr Leu His Val Val Leu Lys
 290 295 300
 Gly Ser Asn Asn Asp Met Lys Val Leu His Gln Val Lys Ser Glu
 305 310 315
 Ser Thr Lys Asn Val Gly Asn Glu Asn
 320

<210> 29
 <211> 292

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 1870914CD1

<400> 29

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Met Glu Glu Val Pro His Asp Cys Pro Gly Ala Asp Ser Ala Gln
 1          5          10          15
Ala Gly Arg Gly Ala Ser Cys Gln Gly Cys Pro Asn Gln Arg Leu
          20          25          30
Cys Ala Ser Gly Ala Gly Ala Thr Pro Asp Thr Ala Ile Glu Glu
          35          40          45
Ile Lys Glu Lys Met Lys Thr Val Lys His Lys Ile Leu Val Leu
          50          55          60
Ser Gly Lys Gly Gly Val Gly Lys Ser Thr Phe Ser Ala His Leu
          65          70          75
Ala His Gly Leu Ala Glu Asp Glu Asn Thr Gln Ile Ala Leu Leu
          80          85          90
Asp Ile Asp Ile Cys Gly Pro Ser Ile Pro Lys Ile Met Gly Leu
          95          100          105
Glu Gly Glu Gln Val His Gln Ser Gly Ser Gly Trp Ser Pro Val
          110          115          120
Tyr Val Glu Asp Asn Leu Gly Val Met Ser Val Gly Phe Leu Leu
          125          130          135
Ser Ser Pro Asp Asp Ala Val Ile Trp Arg Gly Pro Lys Lys Asn
          140          145          150
Gly Met Ile Lys Gln Phe Leu Arg Asp Val Asp Trp Gly Glu Val
          155          160          165
Asp Tyr Leu Ile Val Asp Thr Pro Pro Gly Thr Ser Asp Glu His
          170          175          180
Leu Ser Val Val Arg His Leu Ala Thr Ala His Ile Asp Gly Ala
          185          190          195
Val Ile Ile Thr Thr Pro Gln Glu Val Ser Leu Gln Asp Val Arg
          200          205          210
Lys Glu Ile Asn Phe Cys Arg Lys Val Lys Leu Pro Ile Ile Gly
          215          220          225
Val Val Glu Asn Met Ser Gly Phe Ile Cys Pro Lys Cys Lys Lys
          230          235          240
Glu Ser Gln Ile Phe Pro Pro Thr Thr Gly Gly Ala Glu Leu Met
          245          250          255
Cys Gln Asp Leu Glu Val Pro Leu Leu Gly Arg Val Pro Leu Asp
          260          265          270
Pro Leu Ile Gly Ile Gln Glu Phe Cys Asn Leu His Gln Ser Lys
          275          280          285
Glu Glu Asn Leu Ile Ser Ser
          290

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<210> 30

<211> 259

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 1910984CD1

<400> 30

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Met Glu Cys His Leu Lys Thr His Tyr Lys Met Glu Tyr Lys Cys
 1          5          10          15
Arg Ile Cys Gln Thr Val Lys Ala Asn Gln Leu Glu Leu Glu Thr
          20          25          30

```

His	Thr	Arg	Glu	His	Arg	Leu	Gly	Asn	His	Tyr	Lys	Cys	Asp	Gln	
				35					40						45
Cys	Gly	Tyr	Leu	Ser	Lys	Thr	Ala	Asn	Lys	Leu	Ile	Glu	His	Val	
				50					55						60
Arg	Val	His	Thr	Gly	Glu	Arg	Pro	Phe	His	Cys	Asp	Gln	Cys	Ser	
				65					70						75
Tyr	Ser	Cys	Thr	Gly	Lys	Asp	Asn	Leu	Asn	Leu	His	Lys	Lys	Leu	
				80					85						90
Lys	His	Ala	Pro	Arg	Gln	Thr	Phe	Ser	Cys	Glu	Glu	Cys	Leu	Phe	
				95					100						105
Lys	Thr	Thr	His	Pro	Phe	Val	Phe	Ser	Arg	His	Val	Lys	Lys	His	
				110					115						120
Gln	Ser	Gly	Asp	Cys	Pro	Glu	Glu	Asp	Lys	Lys	Gly	Leu	Cys	Pro	
				125					130						135
Ala	Pro	Lys	Glu	Pro	Ala	Gly	Pro	Gly	Ala	Pro	Leu	Leu	Val	Val	
				140					145						150
Gly	Ser	Ser	Arg	Asn	Leu	Leu	Ser	Pro	Leu	Ser	Val	Met	Ser	Ala	
				155					160						165
Ser	Gln	Ala	Leu	Gln	Thr	Val	Ala	Leu	Ser	Ala	Ala	His	Gly	Ser	
				170					175						180
Ser	Ser	Glu	Pro	Asn	Leu	Ala	Leu	Lys	Ala	Leu	Ala	Phe	Asn	Gly	
				185					190						195
Ser	Pro	Leu	Arg	Phe	Asp	Lys	Tyr	Arg	Asn	Ser	Asp	Phe	Ala	His	
				200					205						210
Leu	Ile	Pro	Leu	Thr	Met	Leu	Tyr	Pro	Lys	Asn	His	Leu	Asp	Leu	
				215					220						225
Thr	Phe	His	Pro	Pro	Arg	Pro	Gln	Thr	Ala	Pro	Pro	Ser	Ile	Pro	
				230					235						240
Ser	Pro	Lys	His	Ser	Phe	Leu	Ala	Tyr	Leu	Gly	Leu	Arg	Glu	Arg	
				245					250						255
Ala	Glu	Thr	Val												

<210> 31
 <211> 97
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 1943040CD1

Met	Glu	His	His	Ser	Ser	His	Gly	Gly	Arg	Lys	Arg	Tyr	Ala	Cys	
1				5					10						15
Gln	Gly	Cys	Trp	Lys	Thr	Phe	His	Phe	Ser	Leu	Ala	Leu	Ala	Glu	
				20					25						30
His	Gln	Lys	Thr	His	Glu	Lys	Glu	Lys	Ser	Tyr	Ala	Leu	Gly	Gly	
				35					40						45
Ala	Arg	Gly	Pro	Gln	Pro	Ser	Thr	Arg	Glu	Pro	Arg	Arg	Gly	Leu	
				50					55						60
Gly	Arg	Ala	Val	Pro	Gln	Arg	Ala	Trp	Arg	Ala	Arg	Leu	Pro	Pro	
				65					70						75
His	Pro	Gln	Arg	Arg	Arg	Gly	Glu	Pro	Leu	Cys	Cys	Pro	Val	Pro	
				80					85						90
Glu	Gly	Pro	Leu	Cys	Arg	Pro									
				95											

<210> 32
 <211> 812
 <212> PRT
 <213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 2076520CD1

<400> 32

Met	Ile	Glu	Pro	Asp	Gln	Cys	Phe	Cys	Arg	Phe	Asp	Leu	Thr	Gly
1				5					10					15
Thr	Cys	Asn	Asp	Asp	Asp	Cys	Gln	Trp	Gln	His	Ile	Gln	Asp	Tyr
				20					25					30
Thr	Leu	Ser	Arg	Lys	Gln	Leu	Phe	Gln	Asp	Ile	Leu	Ser	Tyr	Asn
				35					40					45
Leu	Ser	Leu	Ile	Gly	Cys	Ala	Glu	Thr	Ser	Thr	Asn	Glu	Glu	Ile
				50					55					60
Thr	Ala	Ser	Ala	Glu	Lys	Tyr	Val	Glu	Lys	Leu	Phe	Gly	Val	Asn
				65					70					75
Lys	Asp	Arg	Met	Ser	Met	Asp	Gln	Met	Ala	Val	Leu	Leu	Val	Ser
				80					85					90
Asn	Ile	Asn	Glu	Ser	Lys	Gly	His	Thr	Pro	Pro	Phe	Thr	Thr	Tyr
				95					100					105
Lys	Asp	Lys	Arg	Lys	Trp	Lys	Pro	Lys	Phe	Trp	Arg	Lys	Pro	Ile
				110					115					120
Ser	Asp	Asn	Ser	Phe	Ser	Ser	Asp	Glu	Glu	Gln	Ser	Thr	Gly	Pro
				125					130					135
Ile	Lys	Tyr	Ala	Phe	Gln	Pro	Glu	Asn	Gln	Ile	Asn	Val	Pro	Ala
				140					145					150
Leu	Asp	Thr	Val	Val	Thr	Pro	Asp	Asp	Val	Arg	Tyr	Phe	Thr	Asn
				155					160					165
Glu	Thr	Asp	Asp	Ile	Ala	Asn	Leu	Glu	Ala	Ser	Val	Leu	Glu	Asn
				170					175					180
Pro	Ser	His	Val	Gln	Leu	Trp	Leu	Lys	Leu	Ala	Tyr	Lys	Tyr	Leu
				185					190					195
Asn	Gln	Asn	Glu	Gly	Glu	Cys	Ser	Glu	Ser	Leu	Asp	Ser	Ala	Leu
				200					205					210
Asn	Val	Leu	Ala	Arg	Ala	Leu	Glu	Asn	Asn	Lys	Asp	Asn	Pro	Glu
				215					220					225
Ile	Trp	Cys	His	Tyr	Leu	Arg	Leu	Phe	Ser	Lys	Arg	Gly	Thr	Lys
				230					235					240
Asp	Glu	Val	Gln	Glu	Met	Cys	Glu	Thr	Ala	Val	Glu	Tyr	Ala	Pro
				245					250					255
Asp	Tyr	Gln	Ser	Phe	Trp	Thr	Phe	Leu	His	Leu	Glu	Ser	Thr	Phe
				260					265					270
Glu	Glu	Lys	Asp	Tyr	Val	Cys	Glu	Arg	Met	Leu	Glu	Phe	Leu	Met
				275					280					285
Gly	Ala	Ala	Lys	Gln	Glu	Thr	Ser	Asn	Ile	Leu	Ser	Phe	Gln	Leu
				290					295					300
Leu	Glu	Ala	Leu	Leu	Phe	Arg	Val	Gln	Leu	His	Ile	Phe	Thr	Gly
				305					310					315
Arg	Cys	Gln	Ser	Ala	Leu	Ala	Ile	Leu	Gln	Asn	Ala	Leu	Lys	Ser
				320					325					330
Ala	Asn	Asp	Gly	Ile	Val	Ala	Glu	Tyr	Leu	Lys	Thr	Ser	Asp	Arg
				335					340					345
Cys	Leu	Ala	Trp	Leu	Ala	Tyr	Ile	His	Leu	Ile	Glu	Phe	Asn	Ile
				350					355					360
Leu	Pro	Ser	Lys	Phe	Tyr	Asp	Pro	Ser	Asn	Asp	Asn	Pro	Ser	Arg
				365					370					375
Ile	Val	Asn	Thr	Glu	Ser	Phe	Val	Met	Pro	Trp	Gln	Ala	Val	Gln
				380					385					390
Asp	Val	Lys	Thr	Asn	Pro	Asp	Met	Leu	Leu	Ala	Val	Phe	Glu	Asp
				395					400					405
Ala	Val	Lys	Ala	Cys	Thr	Asp	Glu	Ser	Leu	Ala	Val	Glu	Glu	Arg
				410					415					420
Ile	Glu	Ala	Cys	Leu	Pro	Leu	Tyr	Thr	Asn	Met	Ile	Ala	Leu	His
				425					430					435
Gln	Leu	Leu	Glu	Arg	Tyr	Glu	Ala	Ala	Met	Glu	Leu	Cys	Lys	Ser

Leu Leu Glu Ser	440	445	450
Cys Pro Ile Asn Cys	455	Gln Leu Leu Glu Ala	Leu
Val Ala Leu Tyr	470	460	465
Leu Gln Thr Asn Gln	475	His Asp Lys Ala Arg	Ala
Val Trp Leu Thr	485	475	480
Ala Phe Glu Lys Asn	490	Pro Gln Asn Ala Glu	Val
Phe Tyr His Met	500	490	495
Cys Lys Phe Phe Ile	505	Leu Gln Asn Arg Gly	Asp
Asn Leu Leu Pro	515	505	510
Phe Leu Arg Lys Phe	520	Ile Ala Ser Phe Phe	Lys
Pro Gly Phe Glu	530	520	525
Lys Tyr Asn Asn Leu	535	Asp Leu Phe Arg Tyr	Leu
Leu Asn Ile Pro	545	535	540
Gly Pro Ile Asp Ile	550	Pro Ser Arg Leu Cys	Lys
Gly Asn Phe Asp	560	550	555
Asp Asp Met Phe Asn	565	His Gln Val Pro Tyr	Leu
Trp Leu Ile Tyr	575	565	570
Cys Leu Cys His Pro	580	Leu Gln Ser Ser Ile	Lys
Glu Thr Val Glu	590	580	585
Ala Tyr Glu Ala Ala	595	Leu Gly Val Ala Met	Arg
Cys Asp Ile Val	605	595	600
Gln Lys Ile Trp Met	610	Asp Tyr Leu Val Phe	Ala
Asn Asn Arg Ala	620	610	615
Ala Gly Ser Arg Asn	625	Lys Val Gln Glu Phe	Arg
Phe Phe Thr Asp	635	625	630
Leu Val Asn Arg Cys	640	Leu Val Thr Val Pro	Ala
Arg Tyr Pro Ile	650	640	645
Pro Phe Ser Ser Ala	655	Asp Tyr Trp Ser Asn	Tyr
Glu Phe His Asn	665	655	660
Arg Val Ile Phe Phe	670	Tyr Leu Ser Cys Val	Pro
Lys Thr Gln His	680	670	675
Ser Lys Thr Leu Glu	685	Arg Phe Cys Ser Val	Met
Pro Ala Asn Ser	695	685	690
Gly Leu Ala Leu Arg	700	Leu Leu Gln His Glu	Trp
Glu Glu Ser Asn	710	700	705
Val Gln Ile Leu Lys	715	Leu Gln Ala Lys Met	Phe
Thr Tyr Asn Ile	725	715	720
Pro Thr Cys Leu Ala	730	Thr Trp Lys Ile Ala	Ile
Ala Ala Glu Ile	740	730	735
Val Leu Lys Gly Gln	745	Arg Glu Val His Arg	Leu
Tyr Gln Arg Ala	755	745	750
Leu Gln Lys Leu Pro	760	Leu Cys Ala Ser Leu	Trp
Lys Asp Gln Leu	770	760	765
Leu Phe Glu Ala Ser	775	Glu Gly Gly Lys Thr	Asp
Asn Leu Arg Lys	785	775	780
Leu Val Ser Lys Cys	790	Gln Glu Ile Gly Val	Ser
Leu Asn Glu Leu	800	790	795
Leu Asn Leu Asn Ser	805	Asn Lys Thr Glu Ser	Lys
Asn His			810

<210> 33
 <211> 392
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 2291241CD1

<400> 33
 Met Asp Ala Leu Val Glu Asp Asp Ile Cys Ile Leu Asn His Glu

1	5	10	15
Lys Ala His Lys Arg Asp Thr Val Thr Pro Val Ser Ile Tyr Ser			
	20	25	30
Gly Asp Glu Ser Val Ala Ser His Phe Ala Leu Val Thr Ala Tyr			
	35	40	45
Glu Asp Ile Lys Lys Arg Leu Lys Asp Ser Glu Lys Glu Asn Ser			
	50	55	60
Leu Leu Lys Lys Arg Ile Arg Phe Leu Glu Glu Lys Leu Ile Ala			
	65	70	75
Arg Phe Glu Glu Glu Thr Ser Ser Val Gly Arg Glu Gln Val Asn			
	80	85	90
Lys Ala Tyr His Ala Tyr Arg Glu Val Cys Ile Asp Arg Asp Asn			
	95	100	105
Leu Lys Ser Lys Leu Asp Lys Met Asn Lys Asp Asn Ser Glu Ser			
	110	115	120
Leu Lys Val Leu Asn Glu Gln Leu Gln Ser Lys Glu Val Glu Leu			
	125	130	135
Leu Gln Leu Arg Thr Glu Val Glu Thr Gln Gln Val Met Arg Asn			
	140	145	150
Leu Asn Pro Pro Ser Ser Asn Trp Glu Val Glu Lys Leu Ser Cys			
	155	160	165
Asp Leu Lys Ile His Gly Leu Glu Gln Glu Leu Glu Leu Met Arg			
	170	175	180
Lys Glu Cys Ser Asp Leu Lys Ile Glu Leu Gln Lys Ala Lys Gln			
	185	190	195
Thr Asp Pro Tyr Gln Glu Asp Asn Leu Lys Ser Arg Asp Leu Gln			
	200	205	210
Lys Leu Ser Ile Ser Ser Asp Asn Met Gln His Ala Tyr Trp Glu			
	215	220	225
Leu Lys Arg Glu Met Ser Asn Leu His Leu Val Thr Gln Val Gln			
	230	235	240
Ala Glu Leu Leu Arg Lys Leu Lys Thr Ser Thr Ala Ile Lys Lys			
	245	250	255
Ala Cys Ala Pro Val Gly Cys Ser Glu Asp Leu Gly Arg Asp Ser			
	260	265	270
Thr Lys Leu His Leu Met Asn Phe Thr Ala Thr Tyr Thr Arg His			
	275	280	285
Pro Pro Leu Leu Pro Asn Gly Lys Ala Leu Cys His Thr Thr Ser			
	290	295	300
Ser Pro Leu Pro Gly Asp Val Lys Val Leu Ser Glu Lys Ala Ile			
	305	310	315
Leu Gln Ser Trp Thr Asp Asn Glu Arg Ser Ile Pro Asn Asp Gly			
	320	325	330
Thr Cys Phe Gln Glu His Ser Ser Tyr Gly Arg Asn Ser Leu Glu			
	335	340	345
Asp Asn Ser Trp Val Phe Pro Ser Pro Pro Lys Ser Ser Glu Thr			
	350	355	360
Ala Phe Gly Glu Thr Lys Thr Lys Thr Leu Pro Leu Pro Asn Leu			
	365	370	375
Pro Pro Leu His Tyr Leu Asp Gln His Asn Gln Asn Cys Leu Tyr			
	380	385	390
Lys Asn			

<210> 34

<211> 60

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte cione 2329692CD1

<400> 34

Met	Ile	Tyr	Phe	Phe	Ile	Ile	Ile	Val	Glu	Tyr	Phe	Tyr	Gly	Lys
1				5					10					15
Ile	Phe	Val	Val	Leu	Ile	Ile	Pro	Ile	Lys	Ile	Met	Pro	Asn	Thr
				20					25					30
Lys	Tyr	Glu	Phe	Tyr	Asp	Val	His	Phe	Val	Leu	Gly	Ile	Lys	Arg
				35					40					45
Lys	Lys	His	Thr	Ser	Trp	Lys	Ser	Val	Ser	Cys	Phe	Leu	Leu	Leu
				50					55					60

<210> 35

<211> 209

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 2474110CD1

<400> 35

Met	Asp	Pro	Ser	Asp	Ile	Tyr	Ala	Val	Ile	Gln	Ile	Pro	Gly	Ser
1				5					10					15
Arg	Glu	Phe	Asp	Val	Ser	Phe	Arg	Ser	Ala	Glu	Lys	Leu	Ala	Leu
				20					25					30
Phe	Leu	Arg	Val	Tyr	Glu	Glu	Lys	Arg	Glu	Gln	Glu	Asp	Cys	Trp
				35					40					45
Glu	Asn	Phe	Val	Val	Leu	Gly	Arg	Ser	Lys	Ser	Ser	Leu	Lys	Thr
				50					55					60
Leu	Phe	Ile	Leu	Phe	Arg	Asn	Glu	Thr	Val	Asp	Val	Glu	Asp	Ile
				65					70					75
Val	Thr	Trp	Leu	Lys	Arg	His	Cys	Asp	Val	Leu	Ala	Val	Pro	Val
				80					85					90
Lys	Val	Thr	Asp	Arg	Phe	Gly	Ile	Trp	Thr	Gly	Glu	Tyr	Lys	Cys
				95					100					105
Glu	Ile	Glu	Leu	Arg	Gln	Gly	Glu	Gly	Gly	Val	Arg	His	Leu	Pro
				110					115					120
Gly	Ala	Phe	Phe	Leu	Gly	Ala	Glu	Arg	Gly	Tyr	Ser	Trp	Tyr	Lys
				125					130					135
Gly	Gln	Pro	Lys	Thr	Cys	Phe	Lys	Cys	Gly	Ser	Arg	Thr	His	Met
				140					145					150
Ser	Gly	Ser	Cys	Thr	Gln	Asp	Arg	Cys	Phe	Arg	Cys	Arg	Glu	Glu
				155					160					165
Gly	His	Leu	Ser	Pro	Tyr	Cys	Arg	Lys	Gly	Ile	Val	Cys	Asn	Leu
				170					175					180
Cys	Gly	Lys	Arg	Gly	His	Ala	Phe	Ala	Gln	Cys	Pro	Lys	Ala	Val
				185					190					195
His	Asn	Ser	Val	Ala	Ala	Gln	Leu	Thr	Gly	Val	Ala	Gly	His	
				200					205					

<210> 36

<211> 257

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 2495790CD1

<400> 36

Met	Val	Gly	Ala	Gly	Ile	Ser	Thr	Pro	Ser	Gly	Ile	Pro	Asp	Phe
1				5					10					15


```

Arg Ser Pro Gly Ser Gly Leu Tyr Ser Asn Leu Gln Gln Tyr Asp
                20                25                30
Leu Pro Tyr Pro Glu Ala Ile Phe Glu Leu Pro Phe Phe Phe His
                35                40                45
Asn Pro Lys Pro Phe Phe Thr Leu Ala Lys Glu Leu Tyr Pro Gly
                50                55                60
Asn Tyr Lys Pro Asn Val Thr His Tyr Phe Leu Arg Leu Leu His
                65                70                75
Asp Lys Gly Leu Leu Leu Arg Leu Tyr Thr Gln Asn Ile Asp Gly
                80                85                90
Leu Glu Arg Val Ser Gly Ile Pro Ala Ser Lys Leu Val Glu Ala
                95                100               105
His Gly Thr Phe Ala Ser Ala Thr Cys Thr Val Cys Gln Arg Pro
                110               115               120
Phe Pro Gly Glu Asp Ile Arg Ala Asp Val Met Ala Asp Arg Val
                125               130               135
Pro Arg Cys Pro Val Cys Thr Gly Val Val Lys Pro Asp Ile Val
                140               145               150
Phe Phe Gly Glu Pro Leu Pro Gln Arg Phe Leu Leu His Val Val
                155               160               165
Asp Phe Pro Met Ala Asp Leu Leu Leu Ile Leu Gly Thr Ser Leu
                170               175               180
Glu Val Glu Pro Phe Ala Ser Leu Thr Glu Ala Val Arg Ser Ser
                185               190               195
Val Pro Arg Leu Leu Ile Asn Arg Asp Leu Val Gly Pro Leu Ala
                200               205               210
Trp His Pro Arg Ser Arg Asp Val Ala Gln Leu Gly Asp Val Val
                215               220               225
His Gly Val Glu Ser Leu Val Glu Leu Leu Gly Trp Thr Glu Glu
                230               235               240
Met Arg Asp Leu Val Gln Arg Glu Thr Gly Lys Leu Asp Gly Pro
                245               250               255
Asp Lys

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<210> 37
 <211> 138
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 2661254CD1

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<400> 37
Met Ala Thr Lys Arg Leu Phe Gly Ala Thr Arg Thr Trp Ala Gly
  1          5          10          15
Trp Gly Ala Trp Glu Leu Leu Asn Pro Ala Thr Ser Gly Arg Leu
          20          25          30
Leu Ala Arg Asp Tyr Ala Lys Lys Pro Val Met Lys Gly Ala Lys
          35          40          45
Ser Gly Lys Gly Ala Val Thr Ser Glu Ala Leu Lys Asp Pro Asp
          50          55          60
Val Cys Thr Asp Pro Val Gln Leu Thr Thr Tyr Ala Met Gly Val
          65          70          75
Asn Ile Tyr Lys Glu Gly Gln Asp Val Pro Leu Lys Pro Asp Ala
          80          85          90
Glu Tyr Pro Glu Trp Leu Phe Glu Met Asn Leu Gly Pro Pro Lys
          95          100         105
Thr Leu Glu Glu Leu Asp Pro Glu Ser Arg Glu Tyr Trp Arg Arg
          110         115         120
Leu Arg Lys Gln Asn Ile Trp Arg His Asn Arg Leu Ser Lys Asn
          125         130         135

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Lys Arg Leu

<210> 38

<211> 999

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 2674047CD1

<400> 38

Met	Gly	Pro	Ser	Arg	Leu	Arg	Leu	Gly	Phe	Phe	Xaa	Lys	Arg	Gly	1	5	10	15
Cys	Ser	Arg	Ala	Met	Val	Glu	Ile	Glu	Leu	Phe	Arg	Ala	Ser	Gly	20	25	30	35
Asn	Leu	Val	Ile	Thr	Arg	Glu	Ile	Asp	Val	Ala	Lys	Asn	Gln	Ser	40	45	50	55
Phe	Trp	Phe	Ile	Asn	Lys	Lys	Ser	Thr	Thr	Gln	Xaa	Ile	Val	Glu	60	65	70	75
Glu	Lys	Val	Ala	Ala	Leu	Asn	Ile	Gln	Val	Gly	Asn	Leu	Cys	Gln	80	85	90	95
Phe	Leu	Pro	Gln	Asp	Lys	Val	Gly	Glu	Phe	Ala	Lys	Leu	Ser	Lys	100	105	110	115
Ile	Glu	Leu	Leu	Glu	Ala	Thr	Glu	Lys	Ser	Ile	Gly	Pro	Pro	Glu	120	125	130	135
Met	His	Lys	Tyr	His	Cys	Glu	Leu	Lys	Asn	Leu	Arg	Glu	Lys	Glu	140	145	150	155
Lys	Gln	Leu	Glu	Thr	Ser	Cys	Lys	Glu	Lys	Thr	Glu	Tyr	Leu	Gln	160	165	170	175
Lys	Met	Val	Gln	Arg	Asn	Glu	Arg	Tyr	Lys	Gln	Asp	Val	Glu	Arg	180	185	190	195
Phe	Tyr	Glu	Arg	Lys	Arg	His	Leu	Asp	Leu	Ile	Glu	Met	Leu	Glu	200	205	210	215
Ala	Lys	Arg	Pro	Trp	Val	Glu	Tyr	Glu	Asn	Val	Arg	Gln	Glu	Tyr	220	225	230	235
Glu	Glu	Val	Lys	Leu	Val	Arg	Asp	Arg	Val	Lys	Glu	Glu	Val	Arg	240	245	250	255
Lys	Leu	Lys	Glu	Gly	Gln	Ile	Pro	Ile	Thr	Cys	Arg	Ile	Glu	Glu	260	265	270	275
Met	Glu	Asn	Glu	Arg	His	Asn	Leu	Glu	Ala	Arg	Ile	Lys	Glu	Lys	280	285	290	295
Ala	Thr	Asp	Ile	Lys	Glu	Ala	Ser	Gln	Lys	Cys	Lys	Gln	Lys	Gln	300	305	310	315
Asp	Val	Ile	Glu	Arg	Lys	Asp	Lys	His	Ile	Glu	Glu	Leu	Gln	Gln	320	325	330	335
Ala	Leu	Ile	Val	Lys	Gln	Asn	Glu	Glu	Leu	Asp	Arg	Gln	Arg	Arg	340	345	350	355
Ile	Gly	Asn	Thr	Arg	Lys	Met	Ile	Glu	Asp	Leu	Gln	Asn	Glu	Leu	360	365	370	375
Lys	Thr	Thr	Glu	Asn	Cys	Glu	Asn	Leu	Gln	Pro	Gln	Ile	Asp	Ala				
Ile	Thr	Asn	Asp	Leu	Arg	Arg	Ile	Gln	Asp	Glu	Lys	Ala	Leu	Cys				
Glu	Gly	Glu	Ile	Ile	Asp	Lys	Arg	Arg	Glu	Arg	Glu	Thr	Leu	Glu				
Lys	Glu	Lys	Lys	Ser	Val	Asp	Asp	His	Ile	Val	Arg	Phe	Asp	Asn				
Leu	Met	Asn	Gln	Lys	Glu	Asp	Lys	Leu	Arg	Gln	Arg	Phe	Arg	Asp				
Thr	Tyr	Asp	Ala	Val	Leu	Trp	Leu	Arg	Asn	Asn	Arg	Asp	Lys	Phe				

Lys	Gln	Arg	Val	Cys	Glu	Pro	Ile	Met	Leu	Thr	Ile	Asn	Met	Lys
				380					385					390
Asp	Asn	Lys	Asn	Ala	Lys	Tyr	Ile	Glu	Asn	His	Ile	Pro	Ser	Asn
				395					400					405
Asp	Leu	Arg	Ala	Phe	Val	Phe	Glu	Ser	Gln	Glu	Asp	Met	Glu	Val
				410					415					420
Phe	Ile	Lys	Glu	Val	Arg	Asp	Asn	Lys	Lys	Leu	Arg	Val	Asn	Ala
				425					430					435
Val	Ile	Ala	Pro	Lys	Ser	Ser	Tyr	Ala	Asp	Lys	Ala	Pro	Ser	Arg
				440					445					450
Ser	Leu	Asn	Glu	Leu	Lys	Gln	Tyr	Gly	Phe	Phe	Ser	Tyr	Leu	Arg
				455					460					465
Glu	Leu	Phe	Asp	Ala	Pro	Asp	Pro	Val	Met	Ser	Tyr	Leu	Cys	Cys
				470					475					480
Gln	Tyr	His	Ile	His	Glu	Val	Pro	Val	Gly	Thr	Glu	Lys	Thr	Arg
				485					490					495
Glu	Arg	Ile	Glu	Arg	Val	Ile	Gln	Glu	Thr	Arg	Leu	Lys	Gln	Ile
				500					505					510
Tyr	Thr	Ala	Glu	Glu	Lys	Tyr	Val	Val	Lys	Thr	Ser	Phe	Tyr	Ser
				515					520					525
Asn	Lys	Val	Ile	Ser	Ser	Asn	Thr	Ser	Leu	Lys	Val	Ala	Gln	Phe
				530					535					540
Leu	Thr	Val	Thr	Val	Asp	Leu	Glu	Gln	Arg	Arg	His	Leu	Glu	Glu
				545					550					555
Gln	Leu	Lys	Glu	Ile	His	Arg	Lys	Leu	Gln	Ala	Val	Asp	Ser	Gly
				560					565					570
Leu	Ile	Ala	Leu	Arg	Glu	Thr	Ser	Lys	His	Leu	Glu	His	Lys	Asp
				575					580					585
Asn	Glu	Leu	Arg	Gln	Lys	Lys	Lys	Glu	Leu	Leu	Glu	Arg	Lys	Thr
				590					595					600
Lys	Lys	Arg	Gln	Leu	Glu	Gln	Lys	Ile	Ser	Ser	Lys	Leu	Gly	Ser
				605					610					615
Leu	Lys	Leu	Met	Glu	Gln	Asp	Thr	Cys	Asn	Leu	Glu	Glu	Glu	Glu
				620					625					630
Arg	Lys	Ala	Ser	Thr	Lys	Ile	Lys	Glu	Ile	Asn	Val	Gln	Lys	Ala
				635					640					645
Lys	Leu	Val	Thr	Glu	Leu	Thr	Asn	Leu	Ile	Lys	Ile	Cys	Thr	Ser
				650					655					660
Leu	His	Ile	Gln	Lys	Val	Asp	Leu	Ile	Leu	Gln	Asn	Thr	Thr	Val
				665					670					675
Ile	Ser	Glu	Lys	Asn	Lys	Leu	Glu	Ser	Asp	Tyr	Met	Ala	Ala	Ser
				680					685					690
Ser	Gln	Leu	Arg	Leu	Thr	Glu	Gln	His	Phe	Ile	Glu	Leu	Asp	Glu
				695					700					705
Asn	Arg	Gln	Arg	Leu	Leu	Gln	Lys	Cys	Lys	Glu	Leu	Met	Lys	Arg
				710					715					720
Ala	Arg	Gln	Val	Cys	Asn	Leu	Gly	Ala	Glu	Gln	Thr	Leu	Pro	Gln
				725					730					735
Glu	Tyr	Gln	Thr	Gln	Val	Pro	Thr	Ile	Pro	Asn	Gly	His	Asn	Ser
				740					745					750
Ser	Leu	Pro	Met	Val	Phe	Gln	Asp	Leu	Pro	Asn	Thr	Leu	Asp	Glu
				755					760					765
Ile	Asp	Ala	Leu	Leu	Thr	Glu	Glu	Arg	Ser	Arg	Ala	Ser	Cys	Phe
				770					775					780
Thr	Gly	Leu	Asn	Pro	Thr	Ile	Val	Gln	Glu	Tyr	Thr	Lys	Arg	Glu
				785					790					795
Glu	Glu	Ile	Glu	Gln	Leu	Thr	Glu	Glu	Leu	Lys	Gly	Lys	Lys	Val
				800					805					810
Glu	Leu	Asp	Gln	Tyr	Arg	Glu	Asn	Ile	Ser	Gln	Val	Lys	Glu	Arg
				815					820					825
Trp	Leu	Asn	Pro	Leu	Lys	Glu	Leu	Val	Glu	Lys	Ile	Asn	Glu	Lys
				830					835					840
Phe	Ser	Asn	Phe	Phe	Ser	Ser	Met	Gln	Cys	Ala	Gly	Glu	Val	Asp
				845					850					855

Leu	His	Thr	Glu	Asn	Glu	Glu	Asp	Tyr	Asp	Lys	Tyr	Gly	Ile	Arg
				860					865					870
Ile	Arg	Val	Lys	Phe	Arg	Ser	Ser	Thr	Gln	Leu	His	Glu	Leu	Thr
				875					880					885
Pro	His	His	Gln	Ser	Gly	Gly	Glu	Arg	Ser	Val	Ser	Thr	Met	Leu
				890					895					900
Tyr	Leu	Met	Ala	Leu	Gln	Glu	Leu	Asn	Arg	Cys	Pro	Phe	Arg	Val
				905					910					915
Val	Asp	Glu	Ile	Asn	Gln	Gly	Met	Asp	Pro	Ile	Asn	Glu	Arg	Arg
				920					925					930
Val	Phe	Glu	Met	Val	Val	Asn	Thr	Ala	Cys	Lys	Glu	Asn	Thr	Ser
				935					940					945
Gln	Tyr	Phe	Phe	Ile	Thr	Pro	Lys	Leu	Leu	Gln	Asn	Leu	Pro	Tyr
				950					955					960
Ser	Glu	Lys	Met	Thr	Val	Leu	Phe	Val	Tyr	Asn	Gly	Pro	His	Met
				965					970					975
Leu	Glu	Pro	Asn	Thr	Trp	Asn	Leu	Lys	Ala	Phe	Gln	Arg	Arg	Arg
				980					985					990
Arg	Arg	Ile	Thr	Phe	Thr	Gln	Pro	Ser						
				995										

<210> 39

<211> 377

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 2762174CD1

<400> 39

Met	Ala	Glu	Leu	Glu	Ser	His	Pro	Cys	Asp	Ile	Cys	Gly	Pro	Ile
1				5					10					15
Leu	Lys	Asp	Thr	Leu	His	Leu	Ala	Lys	Tyr	His	Gly	Gly	Lys	Ala
				20					25					30
Arg	Gln	Lys	Pro	Tyr	Leu	Cys	Gly	Ala	Cys	Gly	Lys	Gln	Phe	Trp
				35					40					45
Phe	Ser	Thr	Asp	Phe	Asp	Gln	His	Gln	Asn	Gln	Pro	Asn	Gly	Gly
				50					55					60
Lys	Leu	Phe	Pro	Arg	Lys	Glu	Gly	Arg	Asp	Ser	Val	Lys	Ser	Cys
				65					70					75
Arg	Val	His	Val	Pro	Glu	Lys	Thr	Leu	Thr	Cys	Gly	Lys	Gly	Arg
				80					85					90
Arg	Asp	Phe	Ser	Ala	Thr	Ser	Gly	Leu	Leu	Gln	His	Gln	Ala	Ser
				95					100					105
Leu	Ser	Ser	Met	Lys	Pro	His	Lys	Ser	Thr	Lys	Leu	Val	Ser	Gly
				110					115					120
Phe	Leu	Met	Gly	Gln	Arg	Tyr	His	Arg	Cys	Gly	Glu	Cys	Gly	Lys
				125					130					135
Ala	Phe	Thr	Arg	Lys	Asp	Thr	Leu	Ala	Arg	His	Gln	Arg	Ile	His
				140					145					150
Thr	Gly	Glu	Arg	Pro	Tyr	Glu	Cys	Asn	Glu	Cys	Gly	Lys	Phe	Phe
				155					160					165
Ser	Gln	Ser	Tyr	Asp	Leu	Phe	Lys	His	Gln	Thr	Val	His	Thr	Gly
				170					175					180
Glu	Arg	Pro	Tyr	Glu	Cys	Ser	Glu	Cys	Gly	Lys	Phe	Phe	Arg	Gln
				185					190					195
Ile	Ser	Gly	Leu	Ile	Glu	His	Arg	Arg	Val	His	Thr	Gly	Glu	Arg
				200					205					210
Leu	Tyr	Gln	Cys	Gly	Lys	Cys	Gly	Lys	Phe	Phe	Ser	Ser	Lys	Ser
				215					220					225
Asn	Leu	Ile	Arg	His	Gln	Glu	Val	His	Thr	Gly	Ala	Arg	Pro	Tyr
				230					235					240

Val Cys Ser Glu Cys Gly Lys Glu Phe Ser Arg Lys His Thr Leu	245	250	255
Val Leu His Gln Arg Thr His Thr Gly Glu Arg Pro Tyr Glu Cys	260	265	270
Ser Glu Cys Gly Lys Ala Phe Ser Gln Ser Ser His Leu Asn Val	275	280	285
His Trp Arg Ile His Ser Ser Asp Tyr Glu Cys Ser Arg Cys Gly	290	295	300
Lys Ala Phe Ser Cys Ile Ser Lys Leu Ile Gln His Gln Lys Val	305	310	315
His Ser Gly Glu Lys Pro Tyr Glu Cys Ser Lys Cys Gly Lys Ala	320	325	330
Phe Thr Gln Arg Pro Asn Leu Ile Arg His Trp Lys Val His Thr	335	340	345
Gly Glu Arg Pro Tyr Val Cys Ser Glu Cys Gly Arg Glu Phe Ile	350	355	360
Arg Lys Gln Thr Leu Val Leu His Gln Arg Val His Ala Gly Glu	365	370	375
Lys Leu			

<210> 40

<211> 324

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 2765991CD1

<400> 40

Met Asp Phe Pro Lys His Asn Gln Ile Ile Thr Glu Glu Thr Gly	5	10	15
Ser Ala Val Glu Pro Ser Asp Glu Ile Lys Arg Ala Ser Gly Asp	20	25	30
Val Gln Thr Met Lys Ile Ser Ser Val Pro Asn Ser Leu Ser Lys	35	40	45
Arg Asn Val Ser Leu Thr Arg Ser His Ser Val Gly Gly Pro Leu	50	55	60
Gln Asn Ile Asp Phe Thr Gln Arg Pro Phe His Gly Ile Ser Thr	65	70	75
Val Ser Leu Pro Gly Ser Leu Gln Glu Val Val Asp Pro Leu Gly	80	85	90
Lys Arg Pro Asn Pro Pro Pro Val Ser Val Pro Tyr Leu Ser Pro	95	100	105
Leu Val Leu Arg Lys Glu Leu Glu Ser Leu Leu Glu Asn Glu Gly	110	115	120
Asp Gln Val Ile His Thr Ser Ser Phe Ile Asn Gln His Pro Ile	125	130	135
Ile Phe Trp Asn Leu Val Trp Tyr Phe Arg Arg Leu Asp Leu Pro	140	145	150
Ser Asn Leu Pro Gly Leu Ile Leu Thr Ser Glu His Cys Asn Glu	155	160	165
Gly Val Gln Leu Pro Leu Ser Ser Leu Ser Gln Asp Ser Lys Leu	170	175	180
Val Tyr Ile Arg Leu Leu Trp Asp Asn Ile Asn Leu His Gln Glu	185	190	195
Pro Arg Glu Pro Leu Tyr Val Ser Trp Arg Asn Phe Asn Ser Glu	200	205	210
Lys Lys Ser Ser Leu Leu Ser Glu Glu Gln Gln Glu Thr Ser Thr	215	220	225
Leu Val Glu Thr Ile Arg Gln Ser Ile Gln His Asn Asn Val Leu	230	235	240

Lys	Pro	Ile	Asn	Leu	Leu	Ser	Gln	Gln	Met	Lys	Pro	Gly	Met	Lys
				245					250					255
Arg	Gln	Arg	Ser	Leu	Tyr	Arg	Glu	Ile	Leu	Phe	Leu	Ser	Leu	Val
				260					265					270
Ser	Leu	Gly	Arg	Glu	Asn	Ile	Asp	Ile	Glu	Ala	Phe	Asp	Asn	Glu
				275					280					285
Tyr	Gly	Ile	Ala	Tyr	Asn	Ser	Leu	Ser	Ser	Glu	Ile	Leu	Glu	Arg
				290					295					300
Leu	Gln	Lys	Ile	Asp	Ala	Pro	Pro	Ser	Ala	Ser	Val	Glu	Trp	Cys
				305					310					315
Arg	Lys	Cys	Phe	Gly	Ala	Pro	Leu	Ile						
				320										

<210> 41
 <211> 270
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 2775157CD1

<400> 41

Met	Pro	Cys	Pro	Met	Leu	Leu	Pro	Ser	Gly	Lys	Val	Ile	Asp	Gln
1				5					10					15
Ser	Thr	Leu	Glu	Lys	Cys	Asn	Arg	Ser	Glu	Ala	Thr	Trp	Gly	Arg
				20					25					30
Val	Pro	Ser	Asp	Pro	Phe	Thr	Gly	Val	Ala	Phe	Thr	Pro	His	Ser
				35					40					45
Gln	Pro	Leu	Pro	His	Pro	Ser	Leu	Lys	Ala	Arg	Ile	Asp	His	Phe
				50					55					60
Leu	Leu	Gln	His	Ser	Ile	Pro	Gly	Cys	His	Leu	Leu	Gly	Arg	Ala
				65					70					75
Gln	Thr	Ala	Leu	Ala	Val	Ile	Pro	Ser	Ser	Ile	Val	Leu	Pro	Ser
				80					85					90
Gln	Lys	Arg	Lys	Ile	Glu	Gln	Ala	Glu	His	Val	Pro	Asp	Ser	Asn
				95					100					105
Phe	Gly	Val	Asn	Ala	Ser	Cys	Phe	Ser	Ala	Thr	Ser	Pro	Leu	Val
				110					115					120
Leu	Pro	Thr	Thr	Ser	Glu	His	Thr	Ala	Lys	Lys	Met	Lys	Ala	Thr
				125					130					135
Asn	Glu	Pro	Ser	Leu	Thr	His	Met	Asp	Cys	Ser	Thr	Gly	Pro	Leu
				140					145					150
Ser	His	Glu	Gln	Lys	Leu	Ser	Gln	Ser	Leu	Glu	Ile	Ala	Leu	Ala
				155					160					165
Ser	Thr	Leu	Gly	Ser	Met	Pro	Ser	Phe	Thr	Ala	Arg	Leu	Thr	Arg
				170					175					180
Gly	Gln	Leu	Gln	His	Leu	Gly	Thr	Arg	Gly	Ser	Asn	Thr	Ser	Trp
				185					190					195
Arg	Pro	Gly	Thr	Gly	Ser	Glu	Gln	Pro	Gly	Ser	Ile	Leu	Gly	Pro
				200					205					210
Glu	Cys	Ala	Ser	Cys	Lys	Arg	Val	Phe	Ser	Pro	Tyr	Phe	Lys	Lys
				215					220					225
Glu	Pro	Val	Tyr	Gln	Leu	Pro	Cys	Gly	His	Leu	Leu	Cys	Arg	Pro
				230					235					240
Cys	Leu	Gly	Glu	Lys	Gln	Arg	Ser	Leu	Pro	Met	Thr	Cys	Thr	Ala
				245					250					255
Cys	Gln	Arg	Pro	Val	Ala	Ser	Gln	Asp	Val	Leu	Arg	Val	His	Phe
				260					265					270

<210> 42
 <211> 252

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 2918375CD1

<400> 42

Met	Leu	Arg	Lys	Gly	Ile	Cys	Glu	Tyr	His	Glu	Lys	Asn	Tyr	Ala	
1				5					10					15	
Ala	Ala	Leu	Glu	Thr	Phe	Thr	Glu	Gly	Gln	Lys	Leu	Asp	Ser	Ala	
				20					25					30	
Asp	Ala	Asn	Phe	Ser	Val	Trp	Ile	Lys	Arg	Cys	Gln	Glu	Ala	Gln	
				35					40					45	
Asn	Gly	Ser	Glu	Ser	Glu	Val	Trp	Thr	His	Gln	Ser	Lys	Ile	Lys	
				50					55					60	
Tyr	Asp	Trp	Tyr	Gln	Thr	Glu	Ser	Gln	Val	Val	Ile	Thr	Leu	Met	
				65					70					75	
Ile	Lys	Asn	Val	Gln	Lys	Asn	Asp	Val	Asn	Val	Glu	Phe	Ser	Glu	
				80					85					90	
Lys	Glu	Leu	Ser	Ala	Leu	Val	Lys	Leu	Pro	Ser	Gly	Glu	Asp	Tyr	
				95					100					105	
Asn	Leu	Lys	Leu	Glu	Leu	Leu	His	Pro	Ile	Ile	Pro	Glu	Gln	Ser	
				110					115					120	
Thr	Phe	Lys	Val	Leu	Ser	Thr	Lys	Ile	Glu	Ile	Lys	Leu	Lys	Lys	
				125					130					135	
Pro	Glu	Ala	Val	Arg	Trp	Glu	Lys	Leu	Glu	Gly	Gln	Gly	Asp	Val	
				140					145					150	
Pro	Thr	Pro	Lys	Gln	Phe	Val	Ala	Asp	Val	Lys	Asn	Leu	Tyr	Pro	
				155					160					165	
Ser	Ser	Ser	Pro	Tyr	Thr	Arg	Asn	Trp	Asp	Lys	Leu	Val	Gly	Glu	
				170					175					180	
Ile	Lys	Glu	Glu	Glu	Lys	Asn	Glu	Lys	Leu	Glu	Gly	Asp	Ala	Ala	
				185					190					195	
Leu	Asn	Arg	Leu	Phe	Gln	Gln	Ile	Tyr	Ser	Asp	Gly	Ser	Asp	Glu	
				200					205					210	
Val	Lys	Arg	Ala	Met	Asn	Lys	Ser	Phe	Met	Glu	Ser	Gly	Gly	Thr	
				215					220					225	
Val	Leu	Ser	Thr	Asn	Trp	Ser	Asp	Val	Gly	Lys	Arg	Lys	Val	Glu	
				230					235					240	
Ile	Asn	Pro	Pro	Asp	Met	Glu	Trp	Lys	Lys	Tyr					
				245					250						

<210> 43

<211> 228

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 3149729CD1

<400> 43

Met	Thr	Met	Gly	Asp	Lys	Lys	Ser	Pro	Thr	Arg	Pro	Lys	Arg	Gln	
1				5					10					15	
Ala	Lys	Pro	Ala	Ala	Asp	Glu	Gly	Phe	Trp	Asp	Cys	Ser	Val	Cys	
				20					25					30	
Thr	Phe	Arg	Asn	Ser	Ala	Glu	Ala	Phe	Lys	Cys	Ser	Ile	Cys	Asp	
				35					40					45	
Val	Arg	Lys	Gly	Thr	Ser	Thr	Arg	Lys	Pro	Arg	Ile	Asn	Ser	Gln	
				50					55					60	

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Leu Val Ala Gln Gln Val Ala Gln Gln Tyr Ala Thr Pro Pro Pro
      65      70      75
Pro Lys Lys Glu Lys Lys Glu Lys Val Glu Lys Gln Asp Lys Glu
      80      85      90
Lys Pro Glu Lys Asp Lys Glu Ile Ser Pro Ser Val Thr Lys Lys
      95     100     105
Asn Thr Asn Lys Lys Thr Lys Pro Lys Ser Asp Ile Leu Lys Asp
     110     115     120
Pro Pro Ser Glu Ala Asn Ser Ile Gln Ser Ala Asn Ala Thr Thr
     125     130     135
Lys Thr Ser Glu Thr Asn His Thr Ser Arg Pro Arg Leu Lys Asn
     140     145     150
Val Asp Arg Ser Thr Ala Gln Gln Leu Ala Val Thr Val Gly Asn
     155     160     165
Val Thr Val Ile Ile Thr Asp Phe Lys Glu Lys Thr Arg Ser Ser
     170     175     180
Ser Thr Ser Ser Ser Thr Val Thr Ser Ser Ala Gly Ser Glu Gln
     185     190     195
Gln Asn Gln Ser Ser Ser Gly Ser Glu Ser Thr Asp Lys Gly Ser
     200     205     210
Ser Arg Ser Ser Thr Pro Lys Gly Asp Met Ser Ala Val Asn Asp
     215     220     225
Glu Ser Phe

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<210> 44
 <211> 117
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 3705895CD1

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<400> 44
Met Ala Ala Ala Ala Ala Ala Gly Ser Gly Thr Pro Arg Glu Glu
  1      5      10      15
Glu Gly Pro Ala Gly Glu Ala Ala Ala Ser Gln Pro Gln Ala Pro
      20      25      30
Thr Ser Val Pro Gly Ala Arg Leu Ser Arg Leu Pro Leu Ala Arg
      35      40      45
Val Lys Ala Leu Val Lys Ala Asp Pro Asp Val Thr Leu Ala Gly
      50      55      60
Gln Glu Ala Ile Phe Ile Leu Ala Arg Ala Ala Glu Leu Phe Val
      65      70      75
Glu Thr Ile Ala Lys Asp Ala Tyr Cys Cys Ala Gln Gln Gly Lys
      80      85      90
Arg Lys Thr Leu Gln Arg Arg Asp Leu Asp Asn Ala Ile Glu Ala
      95     100     105
Val Asp Glu Phe Ala Phe Leu Glu Gly Thr Leu Asp
     110     115

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<210> 45
 <211> 252
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 003256CD1

<400> 45
 Met Thr Pro Lys Leu Gly Arg Gly Val Leu Glu Gly Asp Asp Val
 1 5 10 15
 Leu Phe Tyr Asp Glu Ser Pro Pro Pro Arg Pro Lys Leu Ser Ala
 20 25 30
 Leu Ala Glu Ala Lys Lys Leu Ala Ala Ile Thr Lys Leu Arg Ala
 35 40 45
 Lys Gly Gln Val Leu Thr Lys Thr Asn Pro Asn Ser Ile Lys Lys
 50 55 60
 Lys Gln Lys Asp Pro Gln Asp Ile Leu Glu Val Lys Glu Arg Val
 65 70 75
 Glu Lys Asn Thr Met Phe Ser Ser Gln Ala Glu Asp Glu Leu Glu
 80 85 90
 Pro Ala Arg Lys Lys Arg Arg Glu Gln Leu Ala Tyr Leu Glu Ser
 95 100 105
 Glu Glu Phe Gln Lys Ile Leu Lys Ala Lys Ser Lys His Thr Gly
 110 115 120
 Ile Leu Lys Glu Ala Glu Ala Glu Met Gln Glu Arg Tyr Phe Glu
 125 130 135
 Pro Leu Val Lys Lys Glu Gln Met Glu Glu Lys Met Arg Asn Ile
 140 145 150
 Arg Glu Val Lys Cys Arg Val Val Thr Cys Lys Thr Cys Ala Tyr
 155 160 165
 Thr His Phe Lys Leu Leu Glu Thr Cys Val Ser Glu Gln His Glu
 170 175 180
 Tyr His Trp His Asp Gly Val Lys Arg Phe Phe Lys Cys Pro Cys
 185 190 195
 Gly Asn Arg Ser Ile Ser Leu Asp Arg Leu Pro Asn Lys His Cys
 200 205 210
 Ser Asn Cys Gly Leu Tyr Lys Trp Glu Arg Asp Gly Met Leu Lys
 215 220 225
 Glu Lys Thr Gly Pro Lys Ile Gly Gly Glu Thr Leu Leu Pro Arg
 230 235 240
 Gly Glu Glu His Ala Lys Phe Leu Asn Ser Leu Lys
 245 250

<210> 46
 <211> 530
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 156986CD1

<400> 46
 Met Ala Lys Gly Glu Gly Ala Glu Ser Gly Ser Ala Ala Gly Leu
 1 5 10 15
 Leu Pro Thr Ser Ile Leu Gln Ser Thr Glu Arg Pro Ala Gln Val
 20 25 30
 Lys Lys Glu Pro Lys Lys Lys Lys Gln Leu Ser Val Cys Asn
 35 40 45
 Lys Leu Cys Tyr Ala Leu Gly Gly Ala Pro Tyr Gln Val Thr Gly
 50 55 60
 Cys Ala Leu Gly Phe Phe Leu Gln Ile Tyr Leu Leu Asp Val Ala
 65 70 75
 Gln Val Gly Pro Phe Ser Ala Ser Ile Ile Leu Phe Val Gly Arg
 80 85 90
 Ala Trp Asp Ala Ile Thr Asp Pro Leu Val Gly Leu Cys Ile Ser
 95 100 105
 Lys Ser Pro Trp Thr Cys Leu Gly Arg Leu Met Pro Trp Ile Ile
 110 115 120

Phe Ser Thr Pro	Leu Ala Val Ile Ala	Tyr Phe Leu Ile Trp	Phe
125	130	135	
Val Pro Asp Phe	Pro His Gly Gln Thr	Tyr Trp Tyr Leu Leu	Phe
140	145	150	
Tyr Cys Leu Phe	Glu Thr Met Val Thr	Cys Phe His Val Pro	Tyr
155	160	165	
Ser Ala Leu Thr	Met Phe Ile Ser Thr	Glu Gln Thr Glu Arg	Asp
170	175	180	
Ser Ala Thr Ala	Tyr Arg Met Thr Val	Glu Val Leu Gly Thr	Val
185	190	195	
Leu Gly Thr Ala	Ile Gln Gly Gln Ile	Val Gly Gln Ala Asp	Thr
200	205	210	
Pro Cys Phe Gln	Asp Leu Asn Ser Ser	Thr Val Ala Ser Gln	Ser
215	220	225	
Ala Asn His Thr	His Gly Thr Thr Ser	His Arg Glu Thr Gln	Lys
230	235	240	
Ala Tyr Leu Leu	Ala Ala Gly Val Ile	Val Cys Ile Tyr Ile	Ile
245	250	255	
Cys Ala Val Ile	Leu Ile Leu Gly Val	Arg Glu Gln Arg Glu	Pro
260	265	270	
Tyr Glu Ala Gln	Gln Ser Glu Pro Ile	Ala Tyr Phe Arg Gly	Leu
275	280	285	
Arg Leu Val Met	Ser His Gly Pro Tyr	Ile Lys Leu Ile Thr	Gly
290	295	300	
Phe Leu Phe Thr	Ser Leu Ala Phe Met	Leu Val Glu Gly Asn	Phe
305	310	315	
Val Leu Phe Cys	Thr Tyr Thr Leu Gly	Phe Arg Asn Glu Phe	Gln
320	325	330	
Asn Leu Leu Leu	Ala Ile Met Leu Ser	Ala Thr Leu Thr Ile	Pro
335	340	345	
Ile Trp Gln Trp	Phe Leu Thr Arg Phe	Gly Lys Lys Thr Ala	Val
350	355	360	
Tyr Val Gly Ile	Ser Ser Ala Val Pro	Phe Leu Ile Leu Val	Ala
365	370	375	
Leu Met Glu Ser	Asn Leu Ile Ile Thr	Tyr Ala Val Ala Val	Ala
380	385	390	
Ala Gly Ile Ser	Val Ala Ala Ala Phe	Leu Leu Pro Trp Ser	Met
395	400	405	
Leu Pro Asp Val	Ile Asp Asp Phe His	Leu Lys Gln Pro His	Phe
410	415	420	
His Gly Thr Glu	Pro Ile Phe Phe Ser	Phe Tyr Val Phe Phe	Thr
425	430	435	
Lys Phe Ala Ser	Gly Val Ser Leu Gly	Ile Ser Thr Leu Ser	Leu
440	445	450	
Asp Phe Ala Gly	Tyr Gln Thr Arg Gly	Cys Ser Gln Pro Glu	Arg
455	460	465	
Val Lys Phe Thr	Leu Asn Met Leu Val	Thr Met Ala Pro Ile	Val
470	475	480	
Leu Ile Leu Leu	Gly Leu Leu Leu Phe	Lys Met Tyr Pro Ile	Asp
485	490	495	
Glu Glu Arg Arg	Arg Gln Asn Lys Lys	Ala Leu Gln Ala Leu	Arg
500	505	510	
Asp Glu Ala Ser	Ser Ser Gly Cys Ser	Glu Thr Asp Ser Thr	Glu
515	520	525	
Leu Ala Ser Ile	Leu		
530			

<210> 47
 <211> 355
 <212> PRT
 <213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 319415CD1

<400> 47

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Met Gly Cys Val Phe Gln Ser Thr Glu Asp Lys Cys Ile Phe Lys
 1      5      10
Ile Asp Trp Thr Leu Ser Pro Gly Glu His Ala Lys Asp Glu Tyr
 20      25      30
Val Leu Tyr Tyr Tyr Ser Asn Leu Ser Val Pro Ile Gly Arg Phe
 35      40      45
Gln Asn Arg Val His Leu Met Gly Asp Ile Leu Cys Asn Asp Gly
 50      55      60
Ser Leu Leu Leu Gln Asp Val Gln Glu Ala Asp Gln Gly Thr Tyr
 65      70      75
Ile Cys Glu Ile Arg Leu Lys Gly Glu Ser Gln Val Phe Lys Lys
 80      85      90
Ala Val Val Leu His Val Leu Pro Glu Glu Pro Lys Glu Leu Met
 95      100     105
Val His Val Gly Gly Leu Ile Gln Met Gly Cys Val Phe Gln Ser
110     115     120
Thr Glu Val Lys His Val Thr Lys Val Glu Trp Ile Phe Ser Gly
125     130     135
Arg Arg Ala Lys Glu Glu Ile Val Phe Arg Tyr Tyr His Lys Leu
140     145     150
Arg Met Ser Val Glu Tyr Ser Gln Ser Trp Gly His Phe Gln Asn
155     160     165
Arg Val Asn Leu Val Gly Asp Ile Phe Arg Asn Asp Gly Ser Ile
170     175     180
Met Leu Gln Gly Val Arg Glu Ser Asp Gly Gly Asn Tyr Thr Cys
185     190     195
Ser Ile His Leu Gly Asn Leu Val Phe Lys Lys Thr Ile Val Leu
200     205     210
His Val Ser Pro Glu Glu Pro Arg Thr Leu Val Thr Pro Ala Ala
215     220     225
Leu Arg Pro Leu Val Leu Gly Gly Asn Gln Leu Val Ile Ile Val
230     235     240
Gly Ile Val Cys Ala Thr Ile Leu Leu Leu Pro Val Leu Ile Leu
245     250     255
Ile Val Lys Lys Thr Cys Gly Asn Lys Ser Ser Val Asn Ser Thr
260     265     270
Val Leu Val Lys Asn Thr Lys Lys Thr Asn Pro Glu Ile Lys Glu
275     280     285
Lys Pro Cys His Phe Glu Arg Cys Glu Gly Glu Lys His Ile Tyr
290     295     300
Ser Pro Ile Ile Val Arg Glu Val Ile Glu Glu Glu Glu Pro Ser
305     310     315
Glu Lys Ser Glu Ala Thr Tyr Met Thr Met His Pro Val Trp Pro
320     325     330
Ser Leu Arg Ser Asp Arg Asn Asn Ser Leu Glu Lys Lys Ser Gly
335     340     345
Gly Gly Met Pro Lys Thr Gln Gln Ala Phe
350     355

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<210> 48

<211> 136

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 635581CD1

<400> 48

Met	Val	Gly	Gln	Thr	Glu	Asp	Asp	Thr	Ala	Gln	Gln	Leu	Val	Pro
1				5					10					15
Thr	Cys	Gly	Met	Lys	Gly	Val	Gly	Glu	Arg	Ile	Val	Glu	Tyr	Val
				20					25					30
Ser	Asn	Ile	Pro	Ala	Leu	Gln	Arg	Ala	Thr	Pro	Lys	Gly	Leu	Ala
				35					40					45
Ser	Val	Ser	Pro	Asp	Leu	Glu	His	Arg	Gln	Glu	Trp	Thr	Tyr	Ser
				50					55					60
Lys	Ser	Pro	Leu	Met	Gly	Lys	Gly	Thr	Arg	Leu	Glu	Ala	Ser	Glu
				65					70					75
Asn	Lys	Arg	Ala	Gly	Trp	Leu	Ala	Ala	Ala	Pro	Glu	Asn	Leu	Lys
				80					85					90
Tyr	His	Arg	Gln	Ile	Ala	Gln	Gly	Ala	Lys	Asp	Tyr	Glu	Ile	Leu
				95					100					105
Lys	Lys	Glu	Thr	Asn	Lys	Phe	Ile	Leu	Arg	Ile	Tyr	Thr	His	Trp
				110					115					120
Ser	Arg	Arg	Ser	Ile	Leu	Arg	Lys	Gly	Ser	Lys	Gly	Met	Gln	Asn
				125					130					135

Leu

<210> 49

<211> 230

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 921803CD1

<400> 49

Met	Lys	Leu	Ile	Val	Gly	Ile	Gly	Gly	Met	Thr	Asn	Gly	Gly	Lys
1				5					10					15
Thr	Thr	Leu	Thr	Asn	Ser	Leu	Leu	Arg	Ala	Leu	Pro	Asn	Cys	Cys
				20					25					30
Val	Ile	His	Gln	Asp	Asp	Phe	Phe	Lys	Pro	Gln	Asp	Gln	Ile	Ala
				35					40					45
Val	Gly	Glu	Asp	Gly	Phe	Lys	Gln	Trp	Asp	Val	Leu	Glu	Ser	Leu
				50					55					60
Asp	Met	Glu	Ala	Met	Leu	Asp	Thr	Val	Gln	Ala	Trp	Leu	Ser	Ser
				65					70					75
Pro	Gln	Lys	Phe	Ala	Arg	Ala	His	Gly	Val	Ser	Val	Gln	Pro	Glu
				80					85					90
Ala	Ser	Asp	Thr	His	Ile	Leu	Leu	Leu	Glu	Gly	Phe	Leu	Leu	Tyr
				95					100					105
Ser	Tyr	Lys	Pro	Leu	Val	Asp	Leu	Tyr	Ser	Arg	Arg	Tyr	Phe	Leu
				110					115					120
Thr	Val	Pro	Tyr	Glu	Glu	Cys	Lys	Trp	Arg	Arg	Ser	Thr	Arg	Asn
				125					130					135
Tyr	Thr	Val	Pro	Asp	Pro	Pro	Gly	Leu	Phe	Asp	Gly	His	Val	Trp
				140					145					150
Pro	Met	Tyr	Gln	Lys	Tyr	Arg	Gln	Glu	Met	Glu	Ala	Asn	Gly	Val
				155					160					165
Glu	Val	Val	Tyr	Leu	Asp	Gly	Met	Lys	Ser	Arg	Glu	Glu	Leu	Phe
				170					175					180
Arg	Glu	Val	Leu	Glu	Asp	Ile	Gln	Asn	Ser	Leu	Leu	Asn	Arg	Ser
				185					190					195
Gln	Glu	Ser	Ala	Pro	Ser	Pro	Ala	Arg	Pro	Ala	Arg	Thr	Gln	Gly
				200					205					210

Pro Gly Arg Gly Cys Gly His Arg Thr Ala Arg Pro Ala Ala Ser
 215 220 225
 Gln Gln Asp Ser Met
 230

<210> 50
 <211> 70
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 1250492CD1

<400> 50
 Met Thr Ile Lys Leu Arg Pro Leu Pro Phe Phe Lys Pro Lys Ser
 1 5 10 15
 Gly Asn Gln Glu Gln Gln Leu His Gly Leu Leu Ala Pro Asp Gln
 20 25 30
 Pro Gly Ser Gly Asp Ile Val Ser Leu Phe Gly Asn Cys Arg Pro
 35 40 45
 Gln Gly Val Gly Leu Ser His Phe Leu Val Leu Pro Thr Phe Pro
 50 55 60
 Ile Arg Ala Ser Ser Arg Gly Gln Val Cys
 65 70

<210> 51
 <211> 169
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 1427838CD1

<400> 51
 Met Leu Ala Phe Ser Glu Met Pro Lys Pro Pro Asp Tyr Ser Glu
 1 5 10 15
 Leu Ser Asp Ser Leu Thr Leu Ala Val Gly Thr Gly Arg Phe Ser
 20 25 30
 Gly Pro Leu His Arg Ala Trp Arg Met Met Asn Phe Arg Gln Arg
 35 40 45
 Met Gly Trp Ile Gly Val Gly Leu Tyr Leu Leu Ala Ser Ala Ala
 50 55 60
 Ala Phe Tyr Tyr Val Phe Glu Ile Ser Glu Thr Tyr Asn Arg Leu
 65 70 75
 Ala Leu Glu His Ile Gln Gln His Pro Glu Glu Pro Leu Glu Gly
 80 85 90
 Thr Thr Trp Thr His Ser Leu Lys Ala Gln Leu Leu Ser Leu Pro
 95 100 105
 Phe Trp Val Trp Thr Val Ile Phe Leu Val Pro Tyr Leu Gln Met
 110 115 120
 Phe Leu Phe Leu Tyr Ser Cys Thr Arg Ala Asp Pro Lys Thr Val
 125 130 135
 Gly Tyr Cys Ile Ile Pro Ile Cys Leu Ala Val Ile Cys Asn Arg
 140 145 150
 His Gln Ala Phe Val Lys Ala Ser Asn Gln Ile Ser Arg Leu Gln
 155 160 165
 Leu Ile Asp Thr

<210> 52
 <211> 359
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 1448258CD1

<400> 52
 Met Gly Pro Thr Lys Phe Thr Gln Thr Asn Ile Gly Ile Ile Glu
 1 5 10 15
 Asn Lys Leu Leu Glu Ala Pro Asp Val Leu Cys Leu Arg Leu Ser
 20 25 30
 Thr Glu Gln Cys Gln Ala His Glu Glu Lys Gly Ile Glu Glu Leu
 35 40 45
 Ser Asp Pro Ser Gly Pro Lys Ser Tyr Ser Ile Thr Glu Lys His
 50 55 60
 Tyr Ala Gln Glu Asp Pro Arg Met Leu Phe Val Ala Ala Val Asp
 65 70 75
 His Ser Ser Ser Gly Asp Met Ser Leu Leu Pro Ser Ser Asp Pro
 80 85 90
 Lys Phe Gln Gly Leu Gly Val Val Glu Ser Ala Val Thr Ala Asn
 95 100 105
 Asn Thr Glu Glu Ser Leu Phe Arg Ile Cys Ser Pro Leu Ser Gly
 110 115 120
 Ala Asn Glu Tyr Ile Ala Ser Thr Asp Thr Leu Lys Thr Glu Glu
 125 130 135
 Val Leu Leu Phe Thr Asp Gln Thr Asp Asp Leu Ala Lys Glu Glu
 140 145 150
 Pro Thr Ser Leu Phe Gln Arg Asp Ser Glu Thr Lys Gly Glu Ser
 155 160 165
 Gly Leu Val Leu Glu Gly Asp Lys Glu Ile His Gln Ile Phe Glu
 170 175 180
 Asp Leu Asp Lys Lys Leu Ala Leu Ala Ser Arg Phe Tyr Ile Pro
 185 190 195
 Glu Gly Cys Ile Gln Arg Trp Ala Ala Glu Met Val Val Ala Leu
 200 205 210
 Asp Ala Leu His Arg Glu Gly Ile Val Cys Arg Asp Leu Asn Pro
 215 220 225
 Asn Asn Ile Leu Leu Asn Asp Arg Gly His Ile Gln Leu Thr Tyr
 230 235 240
 Phe Ser Arg Trp Ser Glu Val Glu Asp Ser Cys Asp Ser Asp Ala
 245 250 255
 Ile Glu Arg Met Tyr Cys Ala Pro Glu Val Gly Ala Ile Thr Glu
 260 265 270
 Glu Thr Glu Ala Cys Asp Trp Trp Ser Leu Gly Ala Val Leu Phe
 275 280 285
 Glu Leu Leu Thr Gly Lys Thr Leu Val Glu Cys His Pro Ala Gly
 290 295 300
 Ile Asn Thr His Thr Thr Leu Asn Met Pro Glu Cys Val Ser Glu
 305 310 315
 Glu Ala Arg Ser Leu Ile Gln Gln Leu Leu Gln Phe Asn Pro Leu
 320 325 330
 Glu Arg Leu Gly Ala Gly Val Ala Gly Val Glu Asp Ile Lys Ser
 335 340 345
 His Pro Phe Phe Thr Pro Val Asp Trp Ala Glu Leu Met Arg
 350 355

<210> 53
 <211> 545

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 1645941CD1

<400> 53

Met	Ser	Arg	Lys	Gln	Asn	Gln	Lys	Asp	Ser	Ser	Gly	Phe	Ile	Phe
1				5					10					15
Asp	Leu	Gln	Ser	Asn	Thr	Val	Leu	Ala	Gln	Gly	Gly	Ala	Phe	Glu
				20					25					30
Asn	Met	Lys	Glu	Lys	Ile	Asn	Ala	Val	Arg	Ala	Ile	Val	Pro	Asn
				35					40					45
Lys	Ser	Asn	Asn	Glu	Ile	Ile	Leu	Val	Leu	Gln	His	Phe	Asp	Asn
				50					55					60
Cys	Val	Asp	Lys	Thr	Val	Gln	Ala	Phe	Met	Glu	Gly	Ser	Ala	Ser
				65					70					75
Glu	Val	Leu	Lys	Glu	Trp	Thr	Val	Thr	Gly	Lys	Lys	Lys	Asn	Lys
				80					85					90
Lys	Lys	Lys	Asn	Lys	Pro	Lys	Pro	Ala	Ala	Glu	Pro	Ser	Asn	Gly
				95					100					105
Ile	Pro	Asp	Ser	Ser	Lys	Ser	Val	Ser	Ile	Gln	Glu	Glu	Gln	Ser
				110					115					120
Ala	Pro	Ser	Ser	Glu	Lys	Gly	Gly	Met	Asn	Gly	Tyr	His	Val	Asn
				125					130					135
Gly	Ala	Ile	Asn	Asp	Thr	Glu	Ser	Val	Asp	Ser	Leu	Ser	Glu	Gly
				140					145					150
Leu	Glu	Thr	Leu	Ser	Ile	Asp	Ala	Arg	Glu	Leu	Glu	Asp	Pro	Glu
				155					160					165
Ser	Ala	Met	Leu	Asp	Thr	Leu	Asp	Arg	Thr	Gly	Ser	Met	Leu	Gln
				170					175					180
Asn	Gly	Val	Ser	Asp	Phe	Glu	Thr	Lys	Ser	Leu	Thr	Met	His	Ser
				185					190					195
Ile	His	Asn	Ser	Gln	Gln	Pro	Arg	Asn	Ala	Ala	Lys	Ser	Leu	Ser
				200					205					210
Arg	Pro	Thr	Thr	Glu	Thr	Gln	Phe	Ser	Asn	Met	Gly	Met	Glu	Asp
				215					220					225
Val	Pro	Leu	Ala	Thr	Ser	Lys	Lys	Leu	Ser	Ser	Asn	Ile	Glu	Lys
				230					235					240
Ser	Val	Lys	Asp	Leu	Gln	Arg	Cys	Thr	Val	Ser	Leu	Ala	Arg	Tyr
				245					250					255
Arg	Val	Val	Val	Lys	Glu	Glu	Met	Asp	Ala	Ser	Ile	Lys	Lys	Met
				260					265					270
Lys	Gln	Ala	Phe	Ala	Glu	Leu	Glu	Ser	Cys	Leu	Met	Asp	Arg	Glu
				275					280					285
Val	Ala	Leu	Leu	Ala	Glu	Met	Asp	Lys	Val	Lys	Ala	Glu	Ala	Met
				290					295					300
Glu	Ile	Leu	Leu	Ser	Arg	Gln	Lys	Lys	Ala	Glu	Leu	Leu	Lys	Lys
				305					310					315
Met	Thr	His	Val	Ala	Val	Gln	Met	Ser	Glu	Gln	Gln	Leu	Val	Glu
				320					325					330
Leu	Arg	Ala	Asp	Ile	Lys	His	Phe	Val	Ser	Glu	Arg	Lys	Tyr	Asp
				335					340					345
Glu	Asp	Leu	Gly	Arg	Val	Ala	Arg	Phe	Thr	Cys	Asp	Val	Glu	Thr
				350					355					360
Leu	Lys	Lys	Ser	Ile	Asp	Ser	Phe	Gly	Gln	Val	Ser	His	Pro	Lys
				365					370					375
Asn	Ser	Tyr	Ser	Thr	Arg	Ser	Arg	Cys	Ser	Ser	Val	Thr	Ser	Val
				380					385					390
Ser	Leu	Ser	Ser	Pro	Ser	Asp	Ala	Ser	Ala	Ala	Ser	Ser	Ser	Thr
				395					400					405
Cys	Ala	Ser	Pro	Pro	Ser	Leu	Thr	Ser	Ala	Asn	Lys	Lys	Asn	Phe
				410					415					420

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Ala Pro Gly Glu Thr Pro Ala Ala Ile Ala Asn Ser Ser Gly Gln
      425                      430                      435
Pro Tyr Gln Pro Leu Arg Glu Val Leu Pro Gly Asn Arg Arg Gly
      440                      445                      450
Gly Gln Gly Tyr Arg Pro Gln Gly Gln Lys Ser Asn Asp Pro Met
      455                      460                      465
Asn Gln Gly Arg His Asp Ser Met Gly Arg Tyr Arg Asn Ser Ser
      470                      475                      480
Trp Tyr Ser Ser Gly Ser Arg Tyr Gln Ser Ala Pro Ser Gln Ala
      485                      490                      495
Pro Gly Asn Thr Ile Glu Arg Gly Gln Thr His Ser Ala Gly Thr
      500                      505                      510
Asn Gly Thr Gly Val Ser Met Glu Pro Ser Pro Pro Thr Pro Ser
      515                      520                      525
Phe Lys Lys Gly Leu Pro Gln Arg Lys Pro Arg Thr Ser Gln Thr
      530                      535                      540
Glu Ala Val Asn Ser
      545

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<210> 54
 <211> 99
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 1646005CD1

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<400> 54
Met Asn Trp Val Ala Val Leu Cys Pro Leu Gly Ile Val Trp Met
  1                      5                      10                      15
Val Gly Asp Gln Pro Pro Gln Val Leu Ser Gln Ala Ser Ser Leu
      20                      25                      30
Ala Val Tyr Leu Arg Ala Ala Pro Tyr Pro Asp Val Thr Ala Lys
      35                      40                      45
Lys Leu Arg His Asp Thr Asn Cys Gly Phe Pro Arg Gln Gln Arg
      50                      55                      60
Met Ala Arg Gly His Glu Gly Arg Ala Pro Leu Leu Asp Arg Pro
      65                      70                      75
Thr Leu Lys Ser Arg Tyr Leu Arg Ala Asn His Lys Ile Asn Thr
      80                      85                      90
Phe Glu Glu Ile Thr Ala Met Pro Ser
      95

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<210> 55
 <211> 565
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 1686561CD1

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<400> 55
Met Asn Arg Ser Ile Pro Val Glu Val Asp Glu Ser Glu Pro Tyr
  1                      5                      10                      15
Pro Ser Gln Leu Leu Lys Pro Ile Pro Glu Tyr Ser Pro Glu Glu
      20                      25                      30
Glu Ser Glu Pro Pro Ala Pro Asn Ile Arg Asn Met Ala Pro Asn
      35                      40                      45
Ser Leu Ser Ala Pro Thr Met Leu His Asn Ser Ser Gly Asp Phe
      50                      55                      60

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Ser	Gln	Ala	His	Ser	Thr	Leu	Lys	Leu	Ala	Asn	His	Gln	Arg	Pro
				65					70					75
Val	Ser	Arg	Gln	Val	Thr	Cys	Leu	Arg	Thr	Gln	Val	Leu	Glu	Asp
				80					85					90
Ser	Glu	Asp	Ser	Phe	Cys	Arg	Arg	His	Pro	Gly	Leu	Gly	Lys	Ala
				95					100					105
Phe	Pro	Ser	Gly	Cys	Ser	Ala	Val	Ser	Glu	Pro	Ala	Ser	Glu	Ser
				110					115					120
Val	Val	Gly	Ala	Leu	Pro	Ala	Glu	His	Gln	Phe	Ser	Phe	Met	Glu
				125					130					135
Lys	Arg	Asn	Gln	Trp	Leu	Val	Ser	Gln	Leu	Ser	Ala	Ala	Ser	Pro
				140					145					150
Asp	Thr	Gly	His	Asp	Ser	Asp	Lys	Ser	Asp	Gln	Ser	Leu	Pro	Asn
				155					160					165
Ala	Ser	Ala	Asp	Ser	Leu	Gly	Gly	Ser	Gln	Glu	Met	Val	Gln	Arg
				170					175					180
Pro	Gln	Pro	His	Arg	Asn	Arg	Ala	Gly	Leu	Asp	Leu	Pro	Thr	Ile
				185					190					195
Asp	Thr	Gly	Tyr	Asp	Ser	Gln	Pro	Gln	Asp	Val	Leu	Gly	Ile	Arg
				200					205					210
Gln	Leu	Glu	Arg	Pro	Leu	Pro	Leu	Thr	Ser	Val	Cys	Tyr	Pro	Gln
				215					220					225
Asp	Leu	Pro	Arg	Pro	Leu	Arg	Ser	Arg	Glu	Phe	Pro	Gln	Phe	Glu
				230					235					240
Pro	Gln	Arg	Tyr	Pro	Ala	Cys	Ala	Gln	Met	Leu	Pro	Pro	Asn	Leu
				245					250					255
Ser	Pro	His	Ala	Pro	Trp	Asn	Tyr	His	Tyr	His	Cys	Pro	Gly	Ser
				260					265					270
Pro	Asp	His	Gln	Val	Pro	Tyr	Gly	His	Asp	Tyr	Pro	Arg	Ala	Ala
				275					280					285
Tyr	Gln	Gln	Val	Ile	Gln	Pro	Ala	Leu	Pro	Gly	Gln	Pro	Leu	Pro
				290					295					300
Gly	Ala	Ser	Val	Arg	Gly	Leu	His	Pro	Val	Gln	Lys	Val	Ile	Leu
				305					310					315
Asn	Tyr	Pro	Ser	Pro	Trp	Asp	Gln	Glu	Glu	Arg	Pro	Ala	Gln	Arg
				320					325					330
Asp	Cys	Ser	Phe	Pro	Gly	Leu	Pro	Arg	His	Gln	Asp	Gln	Pro	His
				335					340					345
His	Gln	Pro	Pro	Asn	Arg	Ala	Gly	Ala	Pro	Gly	Glu	Ser	Leu	Glu
				350					355					360
Cys	Pro	Ala	Glu	Leu	Arg	Pro	Gln	Val	Pro	Gln	Pro	Pro	Ser	Pro
				365					370					375
Ala	Ala	Val	Pro	Arg	Pro	Pro	Ser	Asn	Pro	Pro	Ala	Arg	Gly	Thr
				380					385					390
Leu	Lys	Thr	Ser	Asn	Leu	Pro	Glu	Glu	Leu	Arg	Lys	Val	Phe	Ile
				395					400					405
Thr	Tyr	Ser	Met	Asp	Thr	Ala	Met	Glu	Val	Val	Lys	Phe	Val	Asn
				410					415					420
Phe	Leu	Leu	Val	Asn	Gly	Phe	Gln	Thr	Ala	Ile	Asp	Ile	Phe	Glu
				425					430					435
Asp	Arg	Ile	Arg	Gly	Ile	Asp	Ile	Ile	Lys	Trp	Met	Glu	Arg	Tyr
				440					445					450
Leu	Arg	Asp	Lys	Thr	Val	Met	Ile	Ile	Val	Ala	Ile	Ser	Pro	Lys
				455					460					465
Tyr	Lys	Gln	Asp	Val	Glu	Gly	Ala	Glu	Ser	Gln	Leu	Asp	Glu	Asp
				470					475					480
Glu	His	Gly	Leu	His	Thr	Lys	Tyr	Ile	His	Arg	Met	Met	Gln	Ile
				485					490					495
Glu	Phe	Ile	Lys	Gln	Gly	Ser	Met	Asn	Phe	Arg	Phe	Ile	Pro	Val
				500					505					510
Leu	Phe	Pro	Asn	Ala	Lys	Lys	Glu	His	Val	Pro	Thr	Trp	Leu	Gln
				515					520					525
Asn	Thr	His	Val	Tyr	Ser	Trp	Pro	Lys	Asn	Lys	Lys	Asn	Ile	Leu
				530					535					540

Leu Arg Leu Leu Arg Glu Glu Glu Tyr Val Ala Pro Pro Arg Gly
 545 550 555
 Pro Leu Pro Thr Leu Gln Val Val Pro Leu
 560 565

<210> 56
 <211> 197
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 1821233CD1

<400> 56
 Met Thr Pro Thr Ser Ser Phe Val Ser Pro Pro Pro Pro Thr Ala
 1 5 10 15
 Ser Pro His Ser Asn Arg Thr Thr Pro Pro Glu Ala Ala Gln Asn
 20 25 30
 Gly Gln Ser Pro Met Ala Ala Leu Ile Leu Val Ala Asp Asn Ala
 35 40 45
 Gly Gly Ser His Ala Ser Lys Asp Ala Asn Gln Val His Ser Thr
 50 55 60
 Thr Arg Arg Asn Ser Asn Ser Pro Pro Ser Pro Ser Ser Met Asn
 65 70 75
 Gln Arg Arg Leu Gly Pro Arg Glu Val Gly Gly Gln Gly Ala Gly
 80 85 90
 Asn Thr Gly Gly Leu Glu Pro Val His Pro Ala Ser Leu Pro Asp
 95 100 105
 Ser Ser Leu Ala Thr Ser Ala Pro Leu Cys Cys Thr Leu Cys His
 110 115 120
 Glu Arg Leu Glu Asp Thr His Phe Val Gln Cys Pro Ser Val Pro
 125 130 135
 Ser His Lys Phe Cys Phe Pro Cys Ser Arg Gln Ser Ile Lys Gln
 140 145 150
 Gln Gly Ala Ser Gly Glu Val Tyr Cys Pro Ser Gly Glu Lys Cys
 155 160 165
 Pro Leu Val Gly Ser Asn Val Pro Trp Ala Phe Met Gln Gly Glu
 170 175 180
 Ile Ala Thr Ile Leu Ala Gly Asp Val Lys Val Lys Lys Glu Arg
 185 190 195
 Asp Ser

<210> 57
 <211> 321
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 1877278CD1

<400> 57
 Met Lys Glu Asp Cys Leu Pro Ser Ser His Val Pro Ile Ser Asp
 1 5 10 15
 Ser Lys Ser Ile Gln Lys Ser Glu Leu Leu Gly Leu Leu Lys Thr
 20 25 30
 Tyr Asn Cys Tyr His Glu Gly Lys Ser Phe Gln Leu Arg His Arg
 35 40 45

Glu	Glu	Glu	Gly	Thr	Leu	Ile	Ile	Glu	Gly	Leu	Leu	Asn	Ile	Ala	
				50					55					60	
Trp	Gly	Leu	Arg	Arg	Pro	Ile	Arg	Leu	Gln	Met	Gln	Asp	Asp	Arg	
				65					70					75	
Glu	Gln	Val	His	Leu	Pro	Ser	Thr	Ser	Trp	Met	Pro	Arg	Arg	Pro	
				80					85					90	
Ser	Cys	Pro	Leu	Lys	Glu	Pro	Ser	Pro	Gln	Asn	Gly	Asn	Ile	Thr	
				95					100					105	
Ala	Gln	Gly	Pro	Ser	Ile	Gln	Pro	Val	His	Lys	Ala	Glu	Ser	Ser	
				110					115					120	
Thr	Asp	Ser	Ser	Gly	Pro	Leu	Glu	Glu	Ala	Glu	Glu	Ala	Pro	Gln	
				125					130					135	
Leu	Met	Arg	Thr	Lys	Ser	Asp	Ala	Ser	Cys	Met	Ser	Gln	Arg	Arg	
				140					145					150	
Pro	Lys	Cys	Arg	Ala	Pro	Gly	Glu	Ala	Gln	Arg	Ile	Arg	Arg	His	
				155					160					165	
Arg	Phe	Ser	Ile	Asn	Gly	His	Phe	Tyr	Asn	His	Lys	Thr	Ser	Val	
				170					175					180	
Phe	Thr	Pro	Ala	Tyr	Gly	Ser	Val	Thr	Asn	Val	Arg	Val	Asn	Ser	
				185					190					195	
Thr	Met	Thr	Thr	Leu	Gln	Val	Leu	Thr	Leu	Leu	Leu	Asn	Lys	Phe	
				200					205					210	
Arg	Val	Glu	Asp	Gly	Pro	Ser	Glu	Phe	Ala	Leu	Tyr	Ile	Val	His	
				215					220					225	
Glu	Ser	Gly	Glu	Arg	Thr	Lys	Leu	Lys	Asp	Cys	Glu	Tyr	Pro	Leu	
				230					235					240	
Ile	Ser	Arg	Ile	Leu	His	Gly	Pro	Cys	Glu	Lys	Ile	Ala	Arg	Ile	
				245					250					255	
Phe	Leu	Met	Glu	Ala	Asp	Leu	Gly	Val	Glu	Val	Pro	His	Glu	Val	
				260					265					270	
Ala	Gln	Tyr	Ile	Lys	Phe	Glu	Met	Pro	Val	Leu	Asp	Ser	Phe	Val	
				275					280					285	
Glu	Lys	Leu	Lys	Glu	Glu	Glu	Glu	Arg	Glu	Ile	Ile	Lys	Leu	Thr	
				290					295					300	
Met	Lys	Phe	Gln	Ala	Leu	Arg	Leu	Thr	Met	Leu	Gln	Arg	Leu	Glu	
				305					310					315	
Gln	Leu	Val	Glu	Ala	Lys										
				320											

<210> 58

<211> 356

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 1880692CD1

<400> 58

Met	Glu	Trp	Leu	Lys	Ser	Thr	Asp	Tyr	Gly	Lys	Tyr	Glu	Gly	Leu	
1				5					10					15	
Thr	Lys	Asn	Tyr	Met	Asp	Tyr	Leu	Ser	Arg	Leu	Tyr	Glu	Arg	Glu	
				20					25					30	
Ile	Lys	Asp	Phe	Phe	Glu	Val	Ala	Lys	Ile	Lys	Met	Thr	Gly	Thr	
				35					40					45	
Thr	Lys	Glu	Ser	Lys	Lys	Phe	Gly	Leu	His	Gly	Ser	Ser	Gly	Lys	
				50					55					60	
Leu	Thr	Gly	Ser	Thr	Ser	Ser	Leu	Asn	Lys	Leu	Ser	Val	Gln	Ser	
				65					70					75	
Ser	Gly	Asn	Arg	Arg	Ser	Gln	Ser	Ser	Ser	Leu	Leu	Asp	Met	Gly	
				80					85					90	
Asn	Met	Ser	Ala	Ser	Asp	Leu	Asp	Val	Ala	Asp	Arg	Thr	Lys	Phe	
				95					100					105	

Asp	Lys	Ile	Phe	Glu	Gln	Val	Leu	Ser	Glu	Leu	Glu	Pro	Leu	Cys
				110					115					120
Leu	Ala	Glu	Gln	Asp	Phe	Ile	Ser	Lys	Phe	Phe	Lys	Leu	Gln	Gln
				125					130					135
His	Gln	Ser	Met	Pro	Gly	Thr	Met	Ala	Glu	Ala	Glu	Asp	Leu	Asp
				140					145					150
Gly	Gly	Thr	Leu	Ser	Arg	Gln	His	Asn	Cys	Gly	Thr	Pro	Leu	Pro
				155					160					165
Val	Ser	Ser	Glu	Lys	Asp	Met	Ile	Arg	Gln	Met	Met	Ile	Lys	Ile
				170					175					180
Phe	Arg	Cys	Ile	Glu	Pro	Glu	Leu	Asn	Asn	Leu	Ile	Ala	Leu	Gly
				185					190					195
Asp	Lys	Ile	Asp	Ser	Phe	Asn	Ser	Leu	Tyr	Met	Leu	Val	Lys	Met
				200					205					210
Ser	His	His	Val	Trp	Thr	Ala	Gln	Asn	Val	Asp	Pro	Ala	Ser	Phe
				215					220					225
Leu	Ser	Thr	Thr	Leu	Gly	Asn	Val	Leu	Val	Thr	Val	Lys	Arg	Asn
				230					235					240
Phe	Asp	Lys	Cys	Ile	Ser	Asn	Gln	Ile	Arg	Gln	Met	Glu	Glu	Val
				245					250					255
Lys	Ile	Ser	Lys	Lys	Ser	Lys	Val	Gly	Ile	Leu	Pro	Phe	Val	Ala
				260					265					270
Glu	Phe	Glu	Glu	Phe	Ala	Gly	Leu	Ala	Glu	Ser	Ile	Phe	Lys	Asn
				275					280					285
Ala	Glu	Arg	Arg	Gly	Asp	Leu	Asp	Lys	Ala	Tyr	Thr	Lys	Leu	Ile
				290					295					300
Arg	Gly	Val	Phe	Val	Asn	Val	Glu	Lys	Val	Ala	Asn	Glu	Ser	Gln
				305					310					315
Lys	Thr	Pro	Arg	Asp	Val	Val	Met	Met	Glu	Asn	Phe	His	His	Ile
				320					325					330
Phe	Ala	Thr	Leu	Ser	Arg	Leu	Lys	Ile	Ser	Cys	Leu	Glu	Ala	Glu
				335					340					345
Lys	Lys	Glu	Ala	Ala	Ile	Asn	His	Lys	Phe	Phe				
				350					355					

<210> 59

<211> 299

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 2280456CD1

<400> 59

Met	Glu	Glu	Leu	Leu	Pro	Asp	Gly	Gln	Ile	Trp	Ala	Asn	Met	Asp
1				5					10					15
Pro	Glu	Glu	Arg	Met	Leu	Ala	Ala	Ala	Thr	Ala	Phe	Thr	His	Ile
				20					25					30
Cys	Ala	Gly	Gln	Gly	Glu	Gly	Asp	Val	Arg	Arg	Glu	Ala	Gln	Ser
				35					40					45
Ile	Gln	Tyr	Asp	Pro	Tyr	Ser	Lys	Ala	Ser	Val	Ala	Pro	Gly	Lys
				50					55					60
Arg	Pro	Ala	Leu	Pro	Val	Gln	Leu	Gln	Tyr	Pro	His	Val	Glu	Ser
				65					70					75
Asn	Val	Pro	Ser	Glu	Thr	Val	Ser	Glu	Ala	Ser	Gln	Arg	Leu	Arg
				80					85					90
Lys	Pro	Val	Met	Lys	Arg	Lys	Val	Leu	Arg	Arg	Lys	Pro	Asp	Gly
				95					100					105
Glu	Val	Leu	Val	Thr	Asp	Glu	Ser	Ile	Ile	Ser	Glu	Ser	Glu	Ser
				110					115					120
Gly	Thr	Glu	Asn	Asp	Gln	Asp	Leu	Trp	Asp	Leu	Arg	Gln	Arg	Leu
				125					130					135

Met	Asn	Val	Gln	Phe	Gln	Glu	Asp	Lys	Glu	Ser	Ser	Phe	Asp	Val	140	145	150
Ser	Gln	Lys	Phe	Asn	Leu	Pro	His	Glu	Tyr	Gln	Gly	Ile	Ser	Gln	155	160	165
Asp	Gln	Leu	Ile	Cys	Ser	Leu	Gln	Arg	Glu	Gly	Met	Gly	Ser	Pro	170	175	180
Ala	Tyr	Glu	Gln	Asp	Leu	Ile	Val	Ala	Ser	Arg	Pro	Lys	Ser	Phe	185	190	195
Ile	Leu	Pro	Lys	Leu	Asp	Gln	Leu	Ser	Arg	Asn	Arg	Gly	Lys	Thr	200	205	210
Asp	Arg	Val	Ala	Arg	Tyr	Phe	Glu	Tyr	Lys	Arg	Asp	Trp	Asp	Ser	215	220	225
Ile	Arg	Leu	Pro	Gly	Glu	Asp	His	Arg	Lys	Glu	Leu	Arg	Trp	Gly	230	235	240
Val	Arg	Glu	Gln	Met	Leu	Cys	Arg	Ala	Glu	Pro	Gln	Ser	Lys	Pro	245	250	255
Gln	His	Ile	Tyr	Val	Pro	Asn	Asn	Tyr	Leu	Val	Pro	Thr	Glu	Lys	260	265	270
Lys	Arg	Ser	Ala	Leu	Arg	Trp	Gly	Val	Arg	Cys	Asp	Leu	Ala	Asn	275	280	285
Gly	Val	Ile	Pro	Arg	Lys	Leu	Pro	Phe	Pro	Leu	Ser	Pro	Ser		290	295	

<210> 60
 <211> 293
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 2284580CD1

<400> 60

Met	Ala	Thr	Phe	Ser	Gly	Pro	Ala	Gly	Pro	Ile	Leu	Ser	Leu	Asn	1	5	10	15
Pro	Gln	Glu	Asp	Val	Glu	Phe	Gln	Lys	Glu	Val	Ala	Gln	Val	Arg	20	25	30	
Lys	Arg	Ile	Thr	Gln	Arg	Lys	Lys	Gln	Glu	Gln	Leu	Thr	Pro	Gly	35	40	45	
Val	Val	Tyr	Val	Arg	His	Leu	Pro	Asn	Leu	Leu	Asp	Glu	Thr	Gln	50	55	60	
Ile	Phe	Ser	Tyr	Phe	Ser	Gln	Phe	Gly	Thr	Val	Thr	Arg	Phe	Arg	65	70	75	
Leu	Ser	Arg	Ser	Lys	Arg	Thr	Gly	Asn	Ser	Lys	Gly	Tyr	Ala	Phe	80	85	90	
Val	Glu	Phe	Glu	Ser	Glu	Asp	Val	Ala	Lys	Ile	Val	Ala	Glu	Thr	95	100	105	
Met	Asn	Asn	Tyr	Leu	Phe	Gly	Glu	Arg	Leu	Leu	Glu	Cys	His	Phe	110	115	120	
Met	Pro	Pro	Glu	Lys	Val	His	Lys	Glu	Leu	Phe	Lys	Asp	Trp	Asn	125	130	135	
Ile	Pro	Phe	Lys	Gln	Pro	Ser	Tyr	Pro	Ser	Val	Lys	Arg	Tyr	Asn	140	145	150	
Arg	Asn	Arg	Thr	Leu	Thr	Gln	Lys	Leu	Arg	Met	Glu	Glu	Arg	Phe	155	160	165	
Lys	Lys	Lys	Glu	Arg	Leu	Leu	Arg	Lys	Lys	Leu	Ala	Lys	Lys	Gly	170	175	180	
Ile	Asp	Tyr	Asp	Phe	Pro	Ser	Leu	Ile	Leu	Gln	Lys	Thr	Glu	Ser	185	190	195	
Ile	Ser	Lys	Thr	Asn	Arg	Gln	Thr	Ser	Thr	Lys	Gly	Gln	Val	Leu	200	205	210	

Arg	Lys	Lys	Lys	Lys	Lys	Val	Ser	Gly	Thr	Leu	Asp	Thr	Pro	Glu
				215					220					225
Lys	Thr	Val	Asp	Ser	Gln	Gly	Pro	Thr	Pro	Val	Cys	Thr	Pro	Thr
				230					235					240
Phe	Leu	Glu	Arg	Arg	Lys	Ser	Gln	Val	Ala	Glu	Leu	Asn	Asp	Asp
				245					250					255
Asp	Lys	Asp	Asp	Glu	Ile	Val	Phe	Lys	Gln	Pro	Ile	Ser	Cys	Val
				260					265					270
Lys	Glu	Glu	Ile	Gln	Glu	Thr	Gln	Thr	Pro	Thr	His	Ser	Arg	Lys
				275					280					285
Lys	Arg	Arg	Arg	Ser	Ser	Asn	Gln							
				290										

<210> 61

<211> 777

<212> PRT

<213> Homo sapiens

<220>

<221> misc feature

<223> Incyte clone 2779172CD1

<400> 61

Met	Val	Leu	Cys	His	Ser	Phe	Leu	Tyr	Arg	Ile	Leu	Thr	Val	Gln
1				5					10					15
Gln	His	Gly	Phe	Phe	Phe	Gly	His	Asp	Arg	Arg	Pro	Ala	Asp	Gly
				20					25					30
Glu	Lys	Gln	Ala	Ala	Thr	His	Val	Ser	Leu	Asp	Gln	Glu	Tyr	Asp
				35					40					45
Ser	Glu	Ser	Ser	Gln	Gln	Trp	Arg	Glu	Leu	Glu	Glu	Gln	Val	Val
				50					55					60
Ser	Val	Val	Asn	Lys	Gly	Val	Ile	Pro	Ser	Asn	Phe	His	Pro	Thr
				65					70					75
Gln	Tyr	Cys	Leu	Asn	Ser	Tyr	Ser	Asp	Asn	Ser	Arg	Phe	Pro	Leu
				80					85					90
Ala	Val	Val	Glu	Glu	Pro	Ile	Thr	Val	Glu	Val	Ala	Phe	Arg	Asn
				95					100					105
Pro	Leu	Lys	Val	Leu	Leu	Leu	Leu	Thr	Asp	Leu	Ser	Leu	Leu	Trp
				110					115					120
Lys	Phe	His	Pro	Lys	Asp	Phe	Ser	Gly	Lys	Asp	Asn	Glu	Glu	Val
				125					130					135
Lys	Gln	Leu	Val	Thr	Ser	Glu	Pro	Glu	Met	Ile	Gly	Ala	Glu	Val
				140					145					150
Ile	Ser	Glu	Phe	Leu	Ile	Asn	Gly	Glu	Glu	Ser	Lys	Val	Ala	Arg
				155					160					165
Leu	Lys	Leu	Phe	Pro	His	His	Ile	Gly	Glu	Leu	His	Ile	Leu	Gly
				170					175					180
Val	Val	Tyr	Asn	Leu	Gly	Thr	Ile	Gln	Gly	Ser	Met	Thr	Val	Asp
				185					190					195
Gly	Ile	Gly	Ala	Leu	Pro	Gly	Cys	His	Thr	Gly	Lys	Tyr	Ser	Leu
				200					205					210
Ser	Met	Ser	Val	Arg	Gly	Lys	Gln	Asp	Leu	Glu	Ile	Gln	Gly	Pro
				215					220					225
Arg	Leu	Asn	Asn	Thr	Lys	Glu	Glu	Lys	Thr	Ser	Val	Lys	Tyr	Gly
				230					235					240
Pro	Asp	Arg	Arg	Leu	Asp	Pro	Ile	Ile	Thr	Glu	Glu	Met	Pro	Leu
				245					250					255
Leu	Glu	Val	Phe	Phe	Ile	His	Phe	Pro	Thr	Gly	Leu	Leu	Cys	Gly
				260					265					270
Glu	Ile	Arg	Lys	Ala	Tyr	Val	Glu	Phe	Val	Asn	Val	Ser	Lys	Cys
				275					280					285

Pro	Leu	Thr	Gly	Leu	Lys	Val	Val	Ser	Lys	Arg	Pro	Glu	Phe	Phe
				290					295					300
Thr	Phe	Gly	Gly	Asn	Thr	Ala	Val	Leu	Thr	Pro	Leu	Ser	Pro	Ser
				305					310					315
Ala	Ser	Glu	Asn	Cys	Ser	Ala	Tyr	Lys	Thr	Val	Val	Thr	Asp	Ala
				320					325					330
Thr	Ser	Val	Cys	Thr	Ala	Leu	Ile	Ser	Ser	Ala	Ser	Ser	Val	Asp
				335					340					345
Phe	Gly	Ile	Gly	Thr	Gly	Ser	Gln	Pro	Glu	Val	Ile	Pro	Val	Pro
				350					355					360
Leu	Pro	Asp	Thr	Val	Leu	Leu	Pro	Gly	Ala	Ser	Val	Gln	Leu	Pro
				365					370					375
Met	Trp	Leu	Arg	Gly	Pro	Asp	Glu	Glu	Gly	Val	His	Glu	Ile	Asn
				380					385					390
Phe	Leu	Phe	Tyr	Tyr	Glu	Ser	Val	Lys	Lys	Gln	Pro	Lys	Ile	Arg
				395					400					405
His	Arg	Ile	Leu	Arg	His	Thr	Ala	Ile	Ile	Cys	Thr	Ser	Arg	Ser
				410					415					420
Leu	Asn	Val	Arg	Ala	Thr	Val	Cys	Arg	Ser	Asn	Ser	Leu	Glu	Asn
				425					430					435
Glu	Glu	Gly	Arg	Gly	Gly	Asn	Met	Leu	Val	Phe	Val	Asp	Val	Glu
				440					445					450
Asn	Thr	Asn	Thr	Ser	Glu	Ala	Gly	Val	Lys	Glu	Phe	His	Ile	Val
				455					460					465
Gln	Val	Ser	Ser	Ser	Ser	Lys	His	Trp	Lys	Leu	Gln	Lys	Ser	Val
				470					475					480
Asn	Leu	Ser	Glu	Asn	Lys	Asp	Thr	Lys	Leu	Ala	Ser	Arg	Glu	Lys
				485					490					495
Gly	Lys	Phe	Cys	Phe	Lys	Ala	Ile	Arg	Cys	Glu	Lys	Glu	Glu	Ala
				500					505					510
Ala	Thr	Gln	Ser	Ser	Glu	Lys	Tyr	Thr	Phe	Ala	Asp	Ile	Ile	Phe
				515					520					525
Gly	Asn	Glu	Gln	Ile	Ile	Ser	Ser	Ala	Ser	Pro	Cys	Ala	Asp	Phe
				530					535					540
Phe	Tyr	Arg	Ser	Leu	Ser	Ser	Glu	Leu	Lys	Lys	Pro	Gln	Ala	His
				545					550					555
Leu	Pro	Val	His	Thr	Glu	Lys	Gln	Ser	Thr	Glu	Asp	Ala	Val	Arg
				560					565					570
Leu	Ile	Gln	Lys	Cys	Ser	Glu	Val	Asp	Leu	Asn	Ile	Val	Ile	Leu
				575					580					585
Trp	Lys	Ala	Tyr	Val	Val	Glu	Asp	Ser	Lys	Gln	Leu	Ile	Leu	Glu
				590					595					600
Gly	Gln	His	His	Val	Ile	Leu	Arg	Thr	Ile	Gly	Lys	Glu	Ala	Phe
				605					610					615
Ser	Tyr	Pro	Gln	Lys	Gln	Glu	Pro	Pro	Glu	Met	Glu	Leu	Leu	Lys
				620					625					630
Phe	Phe	Arg	Pro	Glu	Asn	Ile	Thr	Val	Ser	Ser	Arg	Pro	Ser	Val
				635					640					645
Glu	Gln	Leu	Ser	Ser	Leu	Ile	Lys	Thr	Ser	Leu	His	Tyr	Pro	Glu
				650					655					660
Ser	Phe	Asn	His	Pro	Phe	His	Gln	Lys	Ser	Leu	Cys	Leu	Val	Pro
				665					670					675
Val	Thr	Leu	Leu	Leu	Ser	Asn	Cys	Ser	Lys	Ala	Asp	Val	Asp	Val
				680					685					690
Ile	Val	Asp	Leu	Arg	His	Lys	Thr	Thr	Ser	Pro	Glu	Ala	Leu	Glu
				695					700					705
Ile	His	Gly	Ser	Phe	Thr	Trp	Leu	Gly	Gln	Thr	Gln	Tyr	Lys	Leu
				710					715					720
Gln	Leu	Lys	Ser	Gln	Glu	Ile	His	Ser	Leu	Gln	Leu	Lys	Ala	Cys
				725					730					735
Phe	Val	His	Thr	Gly	Val	Tyr	Asn	Leu	Gly	Thr	Pro	Arg	Val	Phe
				740					745					750
Ala	Lys	Leu	Ser	Asp	Gln	Val	Thr	Val	Phe	Glu	Thr	Ser	Gln	Gln
				755					760					765

Asn Ser Met Pro Ala Leu Ile Ile Ile Ser Asn Val
 770 775

<210> 62
 <211> 97
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 3279329CD1

<400> 62
 Met Pro Pro Gly Thr Val Leu Arg Tyr Val Gln Cys Leu Phe Leu
 1 5 10 15
 Asp Leu Cys Ile Cys His Glu Ala Pro Cys Gly Leu Cys Met Lys
 20 25 30
 Leu Leu Leu Cys Phe Trp Val Asn Arg Cys Ala Cys Gln Leu Ala
 35 40 45
 Cys Val Leu Ser Lys Phe His Lys Leu Lys Val Phe Lys Gly Cys
 50 55 60
 Val Val Ser Glu Leu Tyr Val Ser Phe Leu Ser Leu Tyr Leu Gln
 65 70 75
 Arg Val Arg Asn Glu Ile Tyr Thr Ser Lys Val Ser Leu Ile Asn
 80 85 90
 Met Ala Phe Cys Phe Ser Met
 95

<210> 63
 <211> 308
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 3340290CD1

<400> 63
 Met Ser Val Ser Gly Leu Lys Ala Glu Leu Lys Phe Leu Ala Ser
 1 5 10 15
 Ile Phe Asp Lys Asn His Glu Arg Phe Arg Ile Val Ser Trp Lys
 20 25 30
 Leu Asp Glu Leu His Cys Gln Phe Leu Val Pro Gln Gln Gly Ser
 35 40 45
 Pro His Ser Leu Pro Pro Pro Leu Thr Leu His Cys Asn Ile Thr
 50 55 60
 Glu Ser Tyr Pro Ser Ser Ser Pro Ile Trp Phe Val Asp Ser Glu
 65 70 75
 Asp Pro Asn Leu Thr Ser Val Leu Glu Arg Leu Glu Asp Thr Lys
 80 85 90
 Asn Asn Asn Leu Asn Gly Thr Thr Glu Glu Val Thr Ser Glu Glu
 95 100 105
 Glu Glu Glu Glu Glu Glu Met Ala Glu Asp Ile Glu Asp Leu Asp
 110 115 120
 His Tyr Glu Met Lys Glu Glu Glu Pro Ile Ser Gly Lys Lys Ser
 125 130 135
 Glu Asp Glu Gly Ile Glu Lys Glu Asn Leu Ala Ile Leu Glu Lys
 140 145 150
 Ile Arg Lys Thr Gln Arg Gln Asp His Leu Asn Gly Ala Val Ser
 155 160 165

Gly	Ser	Val	Gln	Ala	Ser	Asp	Arg	Leu	Met	Lys	Glu	Leu	Arg	Asp	
				170					175					180	
Ile	Tyr	Arg	Ser	Gln	Ser	Tyr	Lys	Thr	Gly	Ile	Tyr	Ser	Val	Glu	
				185					190					195	
Leu	Ile	Asn	Asp	Ser	Leu	Tyr	Asp	Trp	His	Val	Lys	Leu	Gln	Lys	
				200					205					210	
Val	Asp	Pro	Asp	Ser	Pro	Leu	His	Ser	Asp	Leu	Gln	Ile	Leu	Lys	
				215					220					225	
Glu	Lys	Glu	Gly	Ile	Glu	Tyr	Ile	Leu	Leu	Asn	Phe	Ser	Phe	Lys	
				230					235					240	
Asp	Asn	Phe	Pro	Phe	Asp	Pro	Pro	Phe	Val	Arg	Val	Val	Leu	Pro	
				245					250					255	
Val	Leu	Ser	Gly	Gly	Tyr	Val	Leu	Gly	Gly	Gly	Ala	Leu	Cys	Met	
				260					265					270	
Glu	Leu	Leu	Thr	Lys	Gln	Asn	Gln	Tyr	Asn	Leu	Ala	Arg	Ala	Gln	
				275					280					285	
Gln	Ser	Tyr	Asn	Ser	Ile	Val	Gln	Ile	His	Glu	Lys	Asn	Gly	Trp	
				290					295					300	
Tyr	Thr	Pro	Pro	Lys	Glu	Asp	Gly								
				305											

<210> 64

<211> 290

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 3376404CD1

<400> 64

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Gly	Ser	Gln	Arg	Ala	Lys	Ala	Ala	Thr	Ala	Cys	Gly	Arg	Pro	Arg	
				20					25					30	
Met	Leu	Asn	Arg	Met	Val	Gly	Gly	Gln	Asp	Thr	Gln	Glu	Gly	Glu	
				35					40					45	
Trp	Pro	Trp	Gln	Val	Ser	Ile	Gln	Arg	Asn	Gly	Ser	His	Phe	Cys	
				50					55					60	
Gly	Gly	Ser	Leu	Ile	Ala	Glu	Gln	Trp	Val	Leu	Thr	Ala	Ala	His	
				65					70					75	
Cys	Phe	Arg	Asn	Thr	Ser	Glu	Thr	Ser	Leu	Tyr	Gln	Val	Leu	Leu	
				80					85					90	
Gly	Ala	Arg	Gln	Leu	Val	Gln	Pro	Gly	Pro	His	Ala	Met	Tyr	Ala	
				95					100					105	
Arg	Val	Arg	Gln	Val	Glu	Ser	Asn	Pro	Leu	Tyr	Gln	Gly	Thr	Ala	
				110					115					120	
Ser	Ser	Ala	Asp	Val	Ala	Leu	Val	Glu	Leu	Glu	Ala	Pro	Val	Pro	
				125					130					135	
Phe	Thr	Asn	Tyr	Ile	Leu	Pro	Val	Cys	Leu	Pro	Asp	Pro	Ser	Val	
				140					145					150	
Ile	Phe	Glu	Thr	Gly	Met	Asn	Cys	Trp	Val	Thr	Gly	Trp	Gly	Ser	
				155					160					165	
Pro	Ser	Glu	Glu	Asp	Leu	Leu	Pro	Glu	Pro	Arg	Ile	Leu	Gln	Lys	
				170					175					180	
Leu	Ala	Val	Pro	Ile	Ile	Asp	Thr	Pro	Lys	Cys	Asn	Leu	Leu	Tyr	
				185					190					195	
Ser	Lys	Asp	Thr	Glu	Phe	Gly	Tyr	Gln	Pro	Lys	Thr	Ile	Lys	Asn	
				200					205					210	
Asp	Met	Leu	Cys	Ala	Gly	Phe	Glu	Glu	Gly	Lys	Lys	Asp	Ala	Cys	
				215					220					225	
Lys	Gly	Asp	Ser	Gly	Gly	Pro	Leu	Val	Cys	Leu	Val	Gly	Gln	Ser	
				230					235					240	

Trp	Leu	Gln	Ala	Gly	Val	Ile	Ser	Trp	Gly	Glu	Gly	Cys	Ala	Arg
				245					250					255
Gln	Asn	Arg	Pro	Gly	Val	Tyr	Ile	Arg	Val	Thr	Ala	His	His	Asn
				260					265					270
Trp	Ile	His	Arg	Ile	Ile	Pro	Lys	Leu	Gln	Phe	Gln	Pro	Ala	Arg
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Leu	Gly	Gly	Gln	Lys										
				290										

<210> 65
 <211> 198
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 4173111CD1

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Asn	Leu	Leu	Gly	Leu	Leu	Asp	Asn	Asp	Glu	Ile	Met	Ala	Leu	Cys
				20					25					30
Asp	Thr	Val	Thr	Asn	Arg	Leu	Val	Gln	Pro	Gln	Asp	Arg	Gln	Asp
				35					40					45
Ala	Val	His	Ala	Ile	Leu	Ala	Tyr	Ser	Gln	Ser	Ala	Glu	Glu	Leu
				50					55					60
Leu	Arg	Arg	Arg	Lys	Val	His	Arg	Glu	Val	Ile	Phe	Lys	Tyr	Leu
				65					70					75
Ala	Thr	Gln	Gly	Ile	Val	Ile	Pro	Pro	Ala	Thr	Glu	Lys	His	Asn
				80					85					90
Leu	Ile	Gln	His	Ala	Lys	Asp	Tyr	Trp	Gln	Lys	Gln	Pro	Gln	Leu
				95					100					105
Lys	Leu	Lys	Glu	Thr	Pro	Glu	Pro	Val	Thr	Lys	Thr	Glu	Asp	Ile
				110					115					120
His	Leu	Phe	Gln	Gln	Gln	Val	Lys	Glu	Asp	Lys	Lys	Ala	Glu	Lys
				125					130					135
Val	Asp	Phe	Arg	Arg	Leu	Gly	Glu	Glu	Phe	Cys	His	Trp	Phe	Phe
				140					145					150
Gly	Leu	Leu	Asn	Ser	Gln	Asn	Pro	Phe	Leu	Gly	Pro	Pro	Gln	Asp
				155					160					165
Glu	Trp	Gly	Pro	Gln	His	Phe	Trp	His	Asp	Val	Lys	Leu	Arg	Phe
				170					175					180
Tyr	Tyr	Asn	Thr	Ser	Glu	Gln	Asn	Val	Met	Gly	Leu	Thr	Met	Glu
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Pro	Glu	Ser												

<210> 66
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 001106CB1

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cgaaacagga	agtcccgccc	ctctatggaa	agtaaatggt	agctcggaag	ggtcaaaaaga	120
gtccgcggtt	tcgccgcgtg	agttgctttt	tgcggctggg	gaggtctacg	cttctagagc	180

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ttgagccagc ggggcgaccc tgcagtggca ggactcggca ccgcgcctc caccgccggt 240
tggtggcctg cgtgacagtt tcctcccgtc gacatcgaaa ggaagccgga cgtgggcggg 300
cagagagctt catcgagta ggaatggcag ccccatctat gaaggaaaga caggctctgt 360
ggggggcccg ggatgagtac tggaaagtgt tagatgagaa cttagaggat gcttctcaat 420
gcaagaagtt aagaagctct ttcgaatcaa gttgtcccca acagtggata aaatattttg 480
ataaaagaag agactactta aaattcaaag aaaaatttga agcaggacaa tttgagcctt 540
cagaaacaac tgcaaaatcc taggctgttc ataaagattg aaagtattct ttctggacat 600
tgaaaaagct ccaactgacta tggaaacagta atagtttgaa tcatagttaa catcaatact 660
tgttccctat atacgacact tgataattaa gatgatcaag aaccagaaga tctgtgaaga 720
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tataaacaa
789

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<210> 67
 <211> 1117
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 004586CB1

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<400> 67
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cgtccgctct cccggaggca gcgcggggct ataggacgaa gttatacggg agcgtctcct 180
cattgatgga gatggtgctg gagatgatcg gagaattaat ctgctagtga agagtctcat 240
taaattggtgc aactctgggt cccaggaaga gggatatagc cagtaccaac gtatgctgag 300
cacgctgtct caatgtgaat tttcaatggg caaaacttta ctagtatatg atatgaatct 360
cagagaaatg gaaaattatg aaaaaattta caaggaaata gaattgtagc tagctggagc 420
acatgaaaaa attgctgagt gcaaaaagca aattcttcaa gcaaaacgaa tacgaaaaaa 480
tcgccaagaa tatgatgctt tggcaaaagt gattcagcac catccagaca ggcagtagac 540
attaaaggaa ctagaggctc tgggaaaaga attagagcat ctttcacaca ttaaagaaag 600
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tattgaaata gctacatgac cataatgtgt ttaaaatgtg gtatgctctt gagatattta 840
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tcacaaagga aaatgacttc agtatagatt tgtttttatt aaaatgcatt ttttattctt 960
aagtggtagg aagcaacatc caaaaatgct taataaaatg cttttaagct gcaaaaaaga 1020

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1117

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<210> 68
 <211> 1628
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 052927CB1

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cgggcgcggc tgtagccgcc caccggtttt tctgccactt ttgcaagggc gaggtcagcc 180
ccaaactacc ggaatatata tgtcccagat gtgaatcagg ctttattgaa gaagtgcagc 240
atgattccag ttttttaggt ggtggcggca ctcggataga caataccaca acaacacatt 300
ttgcagagct ttggggccat ttggatcaca cgtgttttt tcaagatttt agacccttct 360
taagtagcag tccactggac caagataata gagccaatga aaggggtcac agactcaca 420
ctgacttctg gggagcaaga cctccacggt tgccattggg tcggagatac agatctcgag 480
gaagttctcg tcctgcacaga tctccagcta ttgaaggaat actacaacac atctttgcag 540

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gattctttgc aaattctgcc attcctggat ctccacaccc tttttcctgg agcgggatgc 600
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ctcttccaac agtgacagta actcagggaac aagttgatag gggtttagag tgtccagtat 780
gcaaagaaga ttacacagtt gaagaggaag tccggcagtt accttgcaat cacttctttc 840
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tnatttna                                     1628

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<210> 69

<211> 1706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 082843CB1

<400> 69

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actttcgggt acagttacac aaagggtcac ttcctcccca gcgacacatg ggcctctcaa 180
aggagaggag ggagtaagtc ccacggtagg gccagtgggt gctccctggg ttttggaatc 240
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cagccagacc cagcaagatg gctgcgaccg tgaaaccctg ggcgcgatc cgggtgcgca 360
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cggccgccgt ggcccaggca acctatgggt accaccgggt tctcgcggtt cttgcgaacg 480
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cggaaaagcc agaacctgt gttttcaggg tgggtgatgt aaatatagtg tgtacataat 1680
aaagcaata tattttactt ctctga                                     1706

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<210> 70

<211> 1864

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte clone 322349CB1

<400> 70
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gacaggctac tagcatggtc caactgcagg gtgggagatt cctgatggga acaaattctc 180
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cggagggaaga gtgggagttt gccgcccag ggggcttgaa gggtaagtt taccatggg 600
ggaactggtt ccagccaaac cgcaccaacc tgtggcaggg aaagttcccc aaggagagaca 660
aagctgagga tggcttccat ggagtctccc cagtgaatgc ttccccgcgc cagaacaact 720
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aaaa 1864

<210> 71
<211> 2738
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte clone 397663CB1

<400> 71
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cgaggcggcg gcagcgagcc gggctcccacc atggcgcga attattccag taccagtacc 180
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<210> 72

<211> 3685

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<223> Incyte clone 673766CB1

<400> 72

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 <211> 1801
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 1504753CB1

<400> 73
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<210> 74

<211> 1578

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 1760185CB1

<400> 74

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<210> 75
 <211> 1624
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 1805061CB1

<400> 75
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 aaaa 1624

<210> 76
 <211> 1675
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 1850120CB1

<400> 76
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<210> 77

<211> 1319

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte clone 1852290CB1

<400> 77

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<211> 1113

<212> DNA

<213> Homo sapiens

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<223> Incyte clone 1944530CB1

<400> 78

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<211> 1963

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 2019742CB1

<400> 79

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<211> 3963

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<213> Homo sapiens

<220>

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<400> 84

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<210> 85

<211> 1093

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 025818CB1

<400> 85

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agaaaaattc ctgctccccg gtggctgcta cccagccag tgtcaacacg acaccggata 300
aaccaaagac agcatctgag cacagaaagt catcaaagcc tattatggag aaaagacgaa 360

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acctccggaa cctgcagcgg gcgcagatga cggctgcgct gagcacagac ccaagtgtgc 540
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ggcaaaaaaa aaa 1093

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<210> 86

<211> 2077

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 438283CB1

<400> 86

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<210> 87

<211> 2358

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 619699CB1

<400> 87

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aagaagagtc taggacagtg cagagaggtg atttccaagc ttcagaatgg aaagtgaac 180
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<210> 88

<211> 1978

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 693452CB1

<400> 88

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gtcaccatgt ttagatatta gcagtcccg atgtgcatgt ctgcatttga aaatggaaag 180
gggaaacaac aatgaagagg taattcactt gaacaacttt cactgccatc ggggacaaga 240

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<210> 89

<211> 2084

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte clone 839651CB1

<400> 89

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<210> 90
 <211> 2024
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 1253545CB1

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<400> 90
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<210> 91
 <211> 3518
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 1425691CB1

<400> 91

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<213> Homo sapiens

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<400> 93

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<213> Homo sapiens

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<210> 98
<211> 2348
<212> DNA
<213> Homo sapiens

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<221> misc_feature
<223> Incyte clone 2291241CB1

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<212> DNA
<213> Homo sapiens

<220>
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<223> Incyte clone 2329692CB1

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<211> 2232
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte clone 2474110CB1

<400> 100

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<210> 101
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 <212> DNA
 <213> Homo sapiens

<220>
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 <223> Incyte clone 2495790CB1

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<210> 102
 <211> 608
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 2661254CB1

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 <212> DNA
 <213> Homo sapiens

<220>
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 <223> Incyte clone 2674047CB1

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<210> 104

<211> 1945

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 2762174CB1

<400> 104

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<210> 105

<211> 1829

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 2765991CB1

<400> 105

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 <213> Homo sapiens

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 <223> Incyte clone 2775157CB1

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 <213> Homo sapiens

<220>
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<211> 3641
<212> DNA
<213> Homo sapiens

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<221> misc_feature
<223> Incyte clone 3149729CB1

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<210> 109

<211> 699

<212> DNA

<213> Homo sapiens

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<210> 110

<211> 2186

<212> DNA

<213> Homo sapiens

<220>

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<223> Incyte clone 003256CB1

<400> 110

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<213> Homo sapiens

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2133

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 <211> 1649
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 <213> Homo sapiens

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 <223> Incyte clone 319415CB1

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 <211> 714
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 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 635581CB1

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 tggcacaatc aaagagtcaa aattatccag gaccctactt taaggaaacc cagttatctt 660
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<210> 114
 <211> 1165
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 921803CB1

<400> 114
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 <211> 2143
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 1250492CB1

<400> 115
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<210> 116

<211> 1010

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte clone 1427838CB1

<400> 116

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<210> 117

<211> 2059

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 1448258CB1

<400> 117

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gaaacattaa aaaaaaaaaa 2059

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<210> 118

<211> 2273

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<223> Incyte clone 1645941CB1

<400> 118

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<210> 119

<211> 1772

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte clone 1646005CB1

<400> 119

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<210> 120

<211> 2260

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 1686561CB1

<400> 120

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<210> 121

<211> 1602

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 1821233CB1

<400> 121

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<210> 122

<211> 1655

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 1877278CB1

<400> 122

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gctcagcccc aacacagagg tgagaccagg aataa 1655

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<210> 123

<211> 2225

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 1880692CB1

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<210> 124

<211> 1516

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 2280456CB1

<400> 124

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<210> 125
 <211> 1635
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 2284580CB1

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<400> 125
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atgtaaaaaa aaaaaa 1635

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<210> 126
 <211> 2673
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte clone 2779172CB1

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<210> 127

<211> 2206

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte clone 3279329CB1

<400> 127

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<210> 128

<211> 1426

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<223> Incyte clone 3340290CB1

<400> 128

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<210> 129
<211> 1703
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<223> Incyte clone 3376404CB1

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<400> 129
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<210> 130
<211> 1118
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<223> Incyte clone 4173111CB1

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